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24
ATLAS, INDEX,
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THE ENCYCLOPÆDIA BRITANNICA

FOURTEENTH EDITION

VOLUME 24

ATLAS, INDEX, LIST OF CONTRIBUTORS

This volume of the Encyclopædia Britannica contains:

A complete Atlas of the World;

An Index to the preceding twenty-three volumes and to the maps in this volume;

A list of contributors to this Edition of the *Encyclopædia Britannica*, together with the articles contributed by them.

I. ATLAS

IN THIS EDITION of the *Encyclopædia Britannica* all the political and geographical maps of the different continents, countries, States, provinces, etc., of the world are brought together in this volume instead of being scattered through the separate volumes. This is an innovation in this Edition and indeed as regards encyclopaedias generally, but one that will, we believe, appeal to all users of the volumes. Probably the chief use of maps is to show the position of a State or city or some geographical feature; and it is certainly to the great advantage of the inquirer to have all maps brought together in the volume with the Index, where all names are arranged alphabetically. Moreover, the reader of an article on any one country, say the United States, may wish to have the map of that country open before him as much when he reads page 100 as when he reads page 1.

In addition to the political and geographical maps in the volume covering each continent country and important State or province, such as have appeared in earlier editions of the *Encyclopædia Britannica*, there are others which show in colours the physical features, as the height of the land, the depth of the seas. The map of South America, for example, pages 190 and 191 will give the reader a graphic representation of the physical features of that continent; Switzerland, page 186, will show the traveller the dominant characteristics which make that country so interesting. A number of other physical maps of equal interest will be noted.

In addition to the political and physical maps included in this volume, there are many historical maps, as those of Ancient Greece and Rome, charts of the campaigns of Napoleon, the

American Civil War, the World War, and diagrams of individual battles scattered through the preceding volumes. These naturally accompany the articles they illustrate.

The maps have been especially prepared, engraved and printed for this Edition by John Bartholomew and Sons Ltd. of Edinburgh and display the beauty, accuracy and good judgment that have made the name of Bartholomew so favourably known everywhere. Needless to say, the maps are up-to-date in every respect and form a complete Atlas of the world. The names on all the maps are included in the Index, and the latter therefore supplies a complete gazetteer of the whole world.

II. THE INDEX

Following the Atlas is the Index. A full account of how it was made, and the purposes it fills, will be found in the pages preceding the Index itself. Nothing further need be said here except that the total number of references reaches almost half a million and renders instantly available all the information in the preceding twenty-three volumes of text, the maps and all the illustrations.

III. LIST OF CONTRIBUTORS

At the end of this volume is given a complete alphabetical list of the contributors of all signed articles in the 14th Edition, together with the initials that identify each writer. It includes also the headings of the principal articles written by the different contributors. This list supplements the special lists prefaced to the several volumes where biographical information about the contributors is given.

The list speaks for itself and for the work to which the writers have contributed. It contains over 3,000 names of scholars, experts and men of affairs from all countries of the world, each an authority in his field. It is confidently believed that no other single work has ever appeared with a list of equal weight and distinction.

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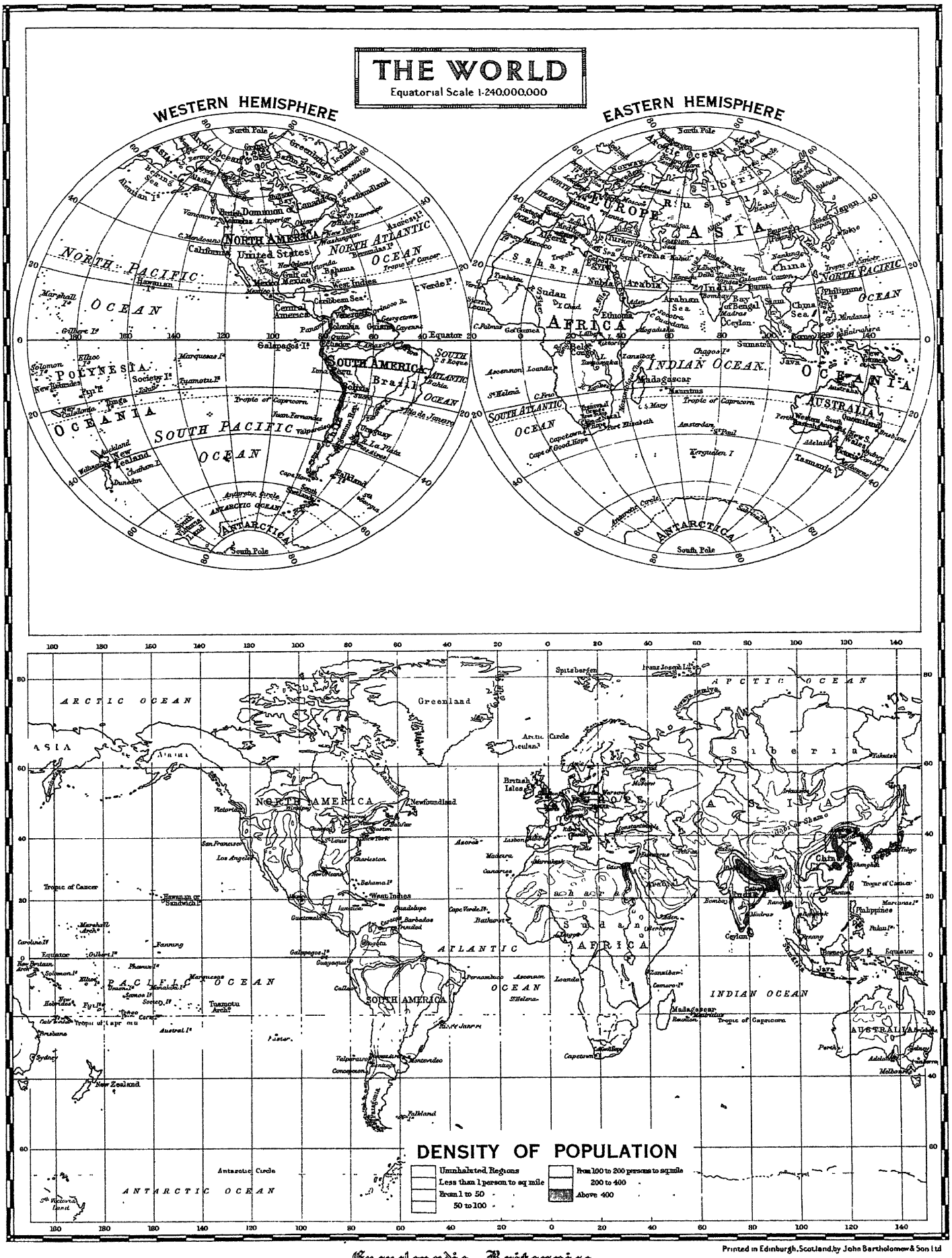
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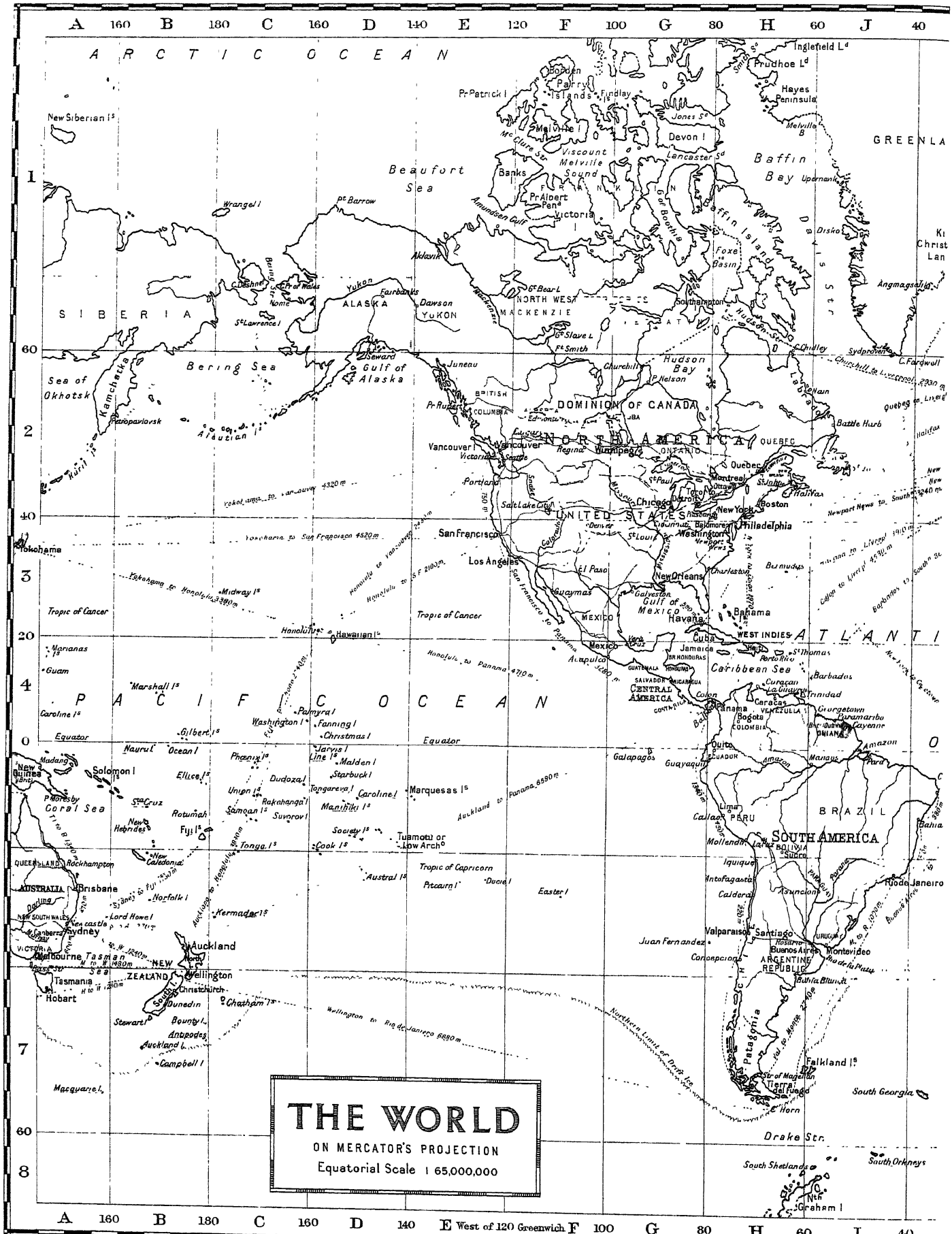
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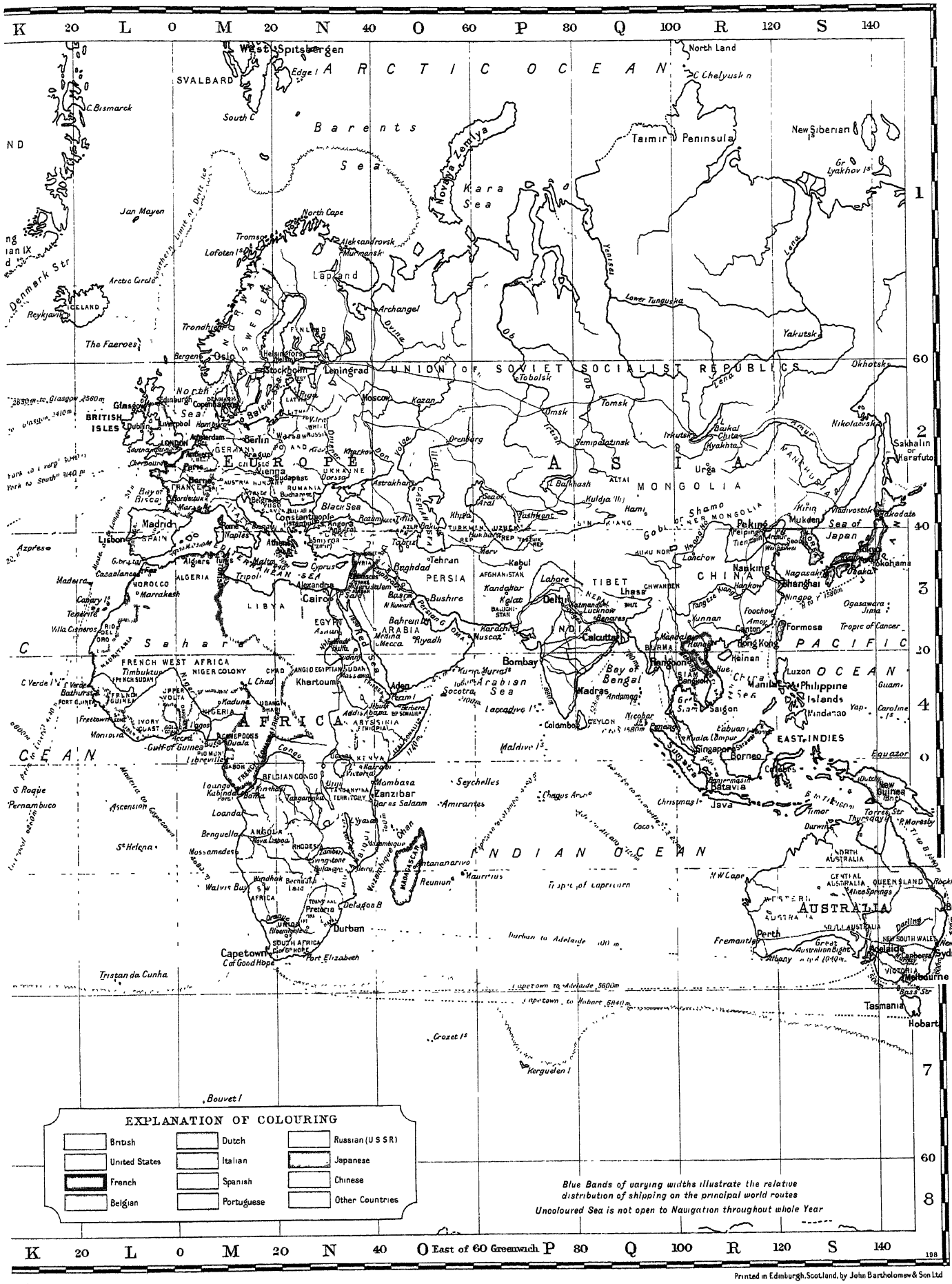
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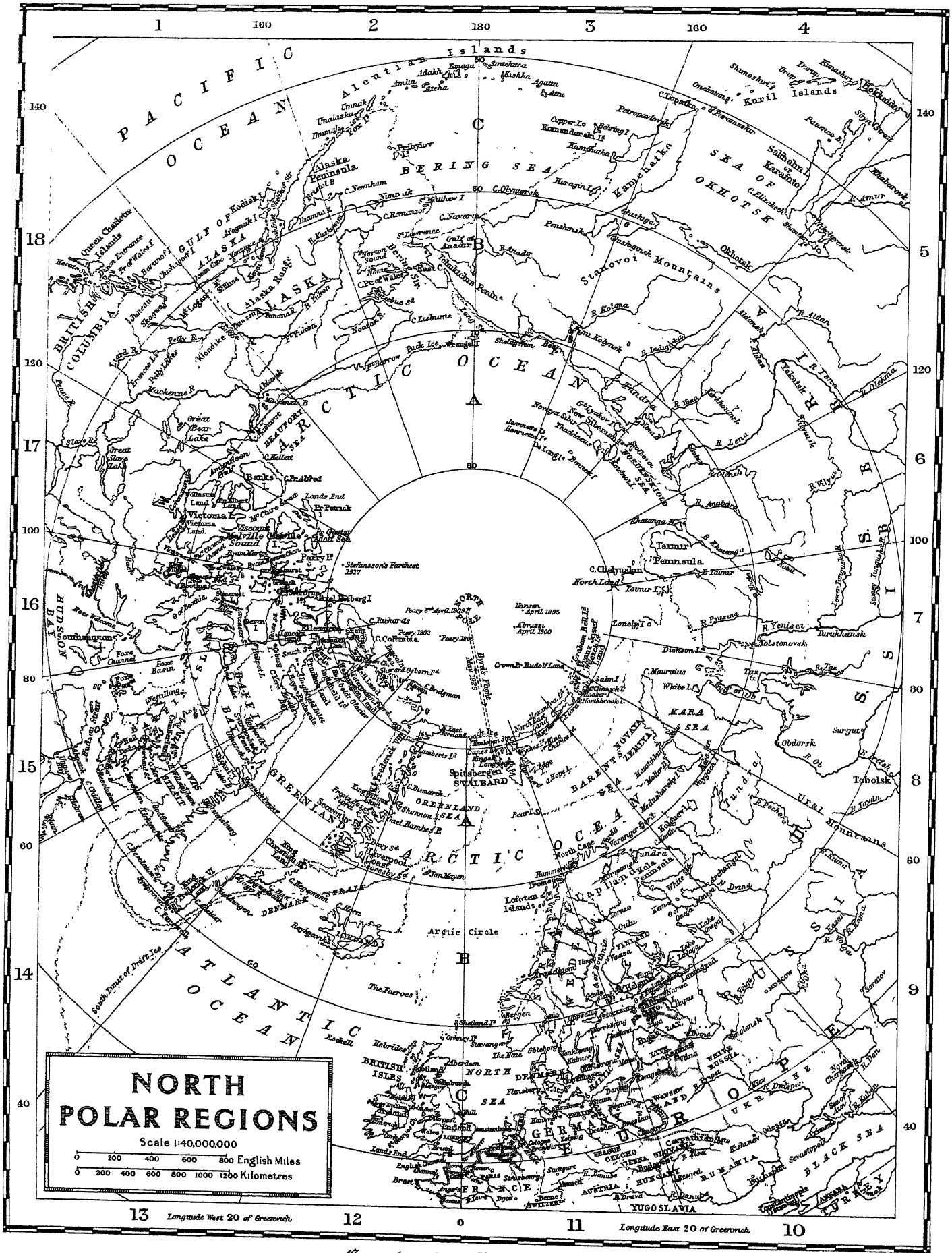


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Gulf of Alaska
Gulf of Mexico
Caribbean Sea
PACIFIC OCEAN
ATLANTIC OCEAN
SIBERIA
ALASKA
DOMINION OF CANADA
NORTH AMERICA
UNITED STATES
MEXICO
CENTRAL AMERICA
WEST INDIES
SOUTH AMERICA
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PERU
BOLIVIA
ARGENTINE REPUBLIC
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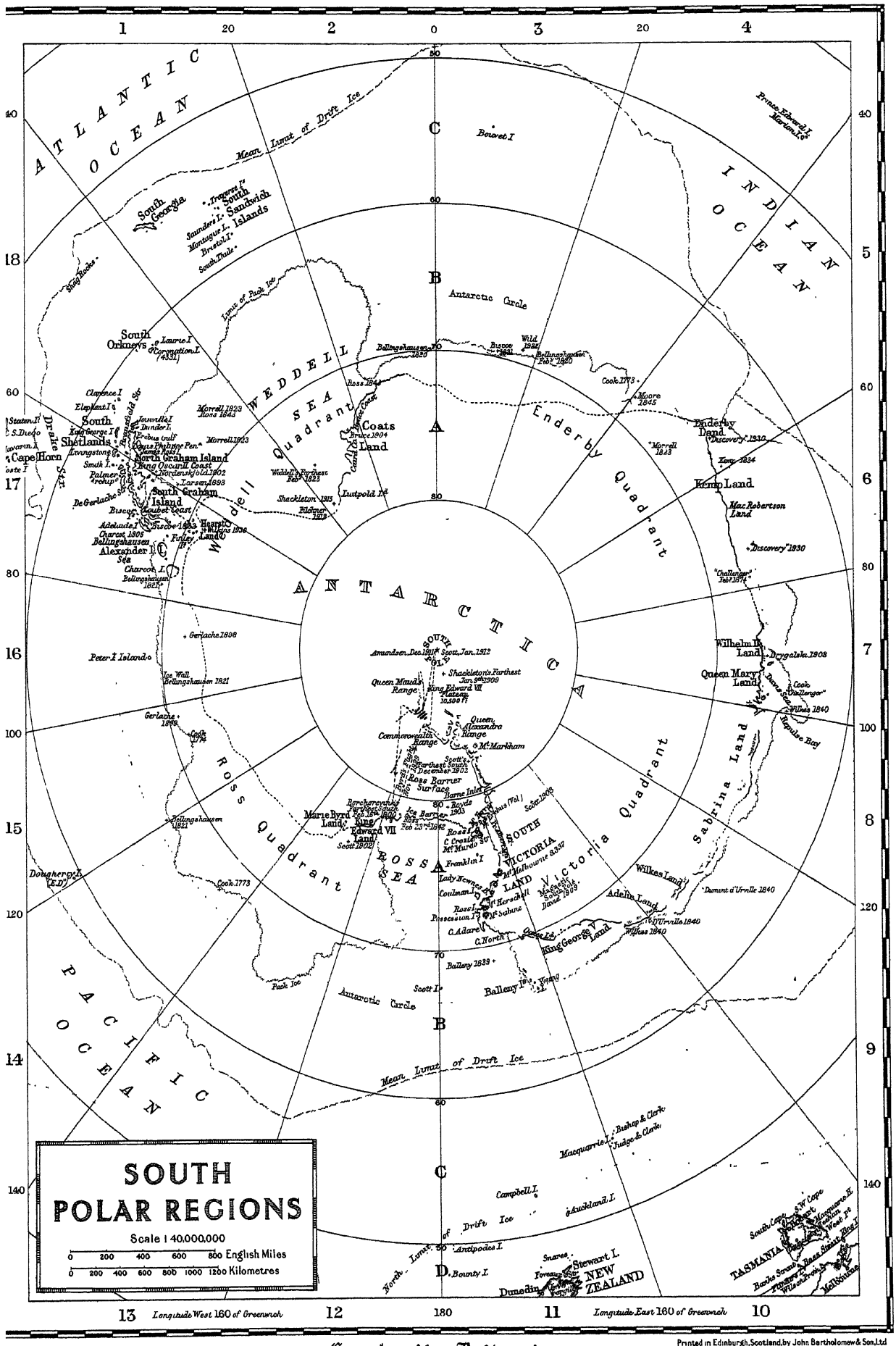


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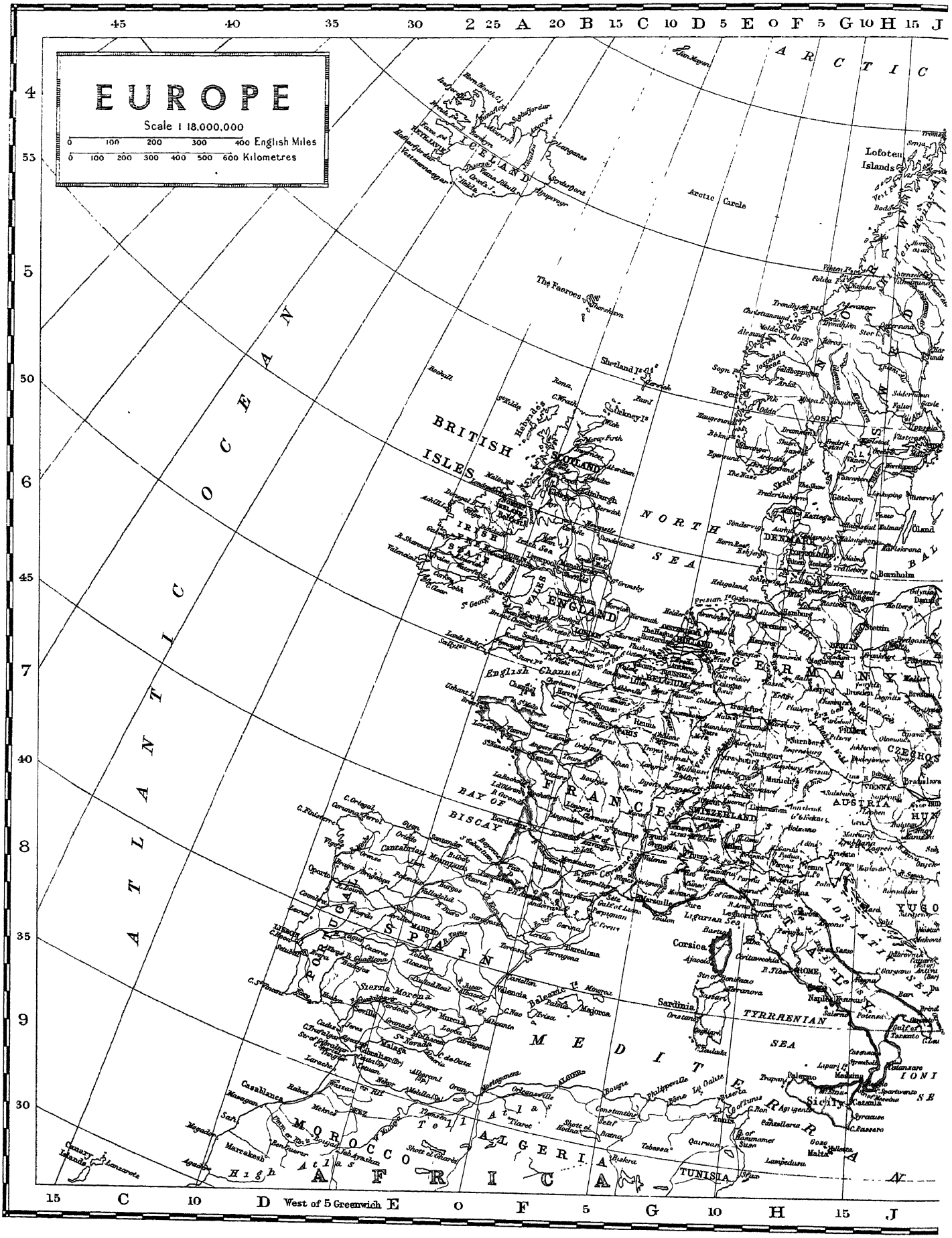


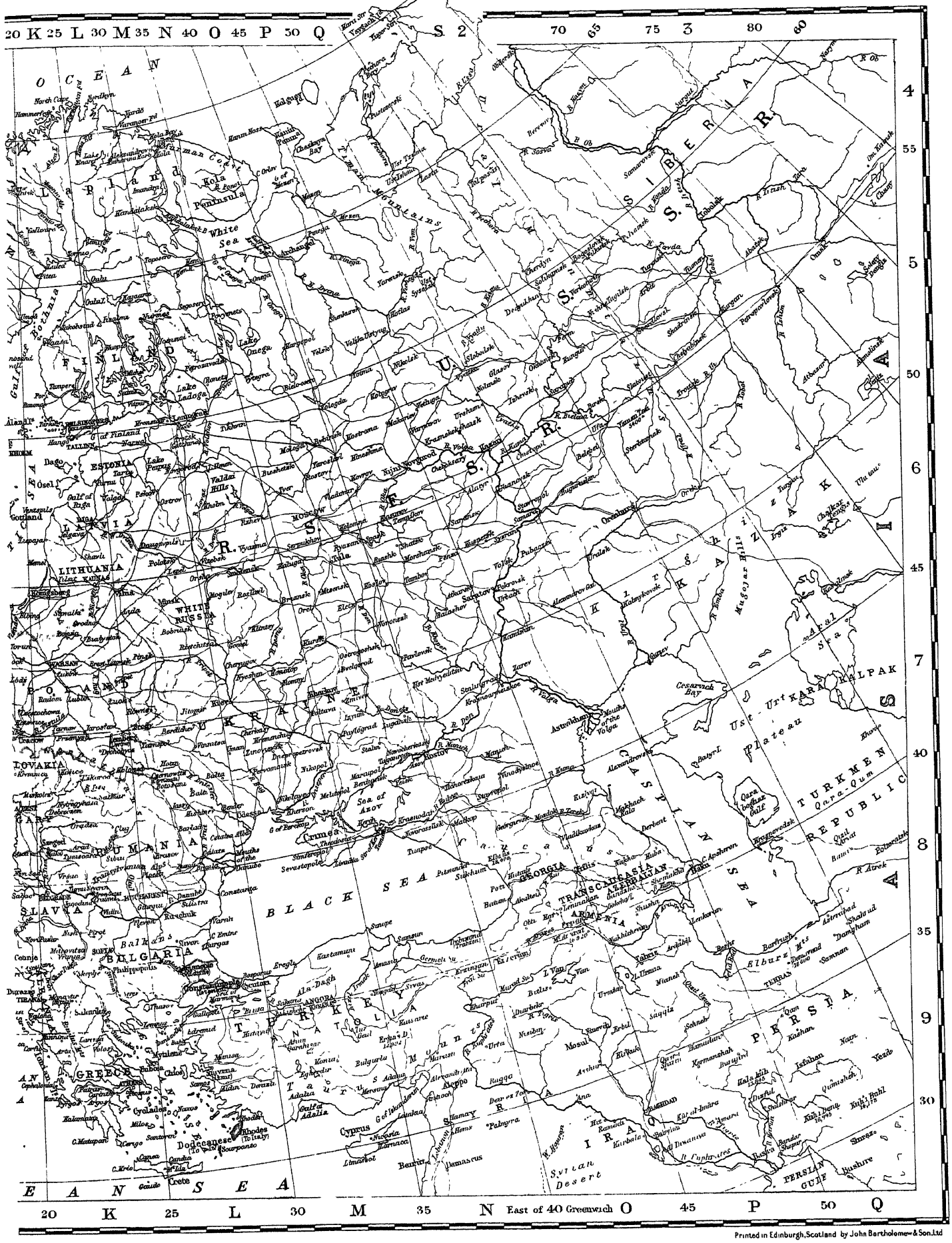
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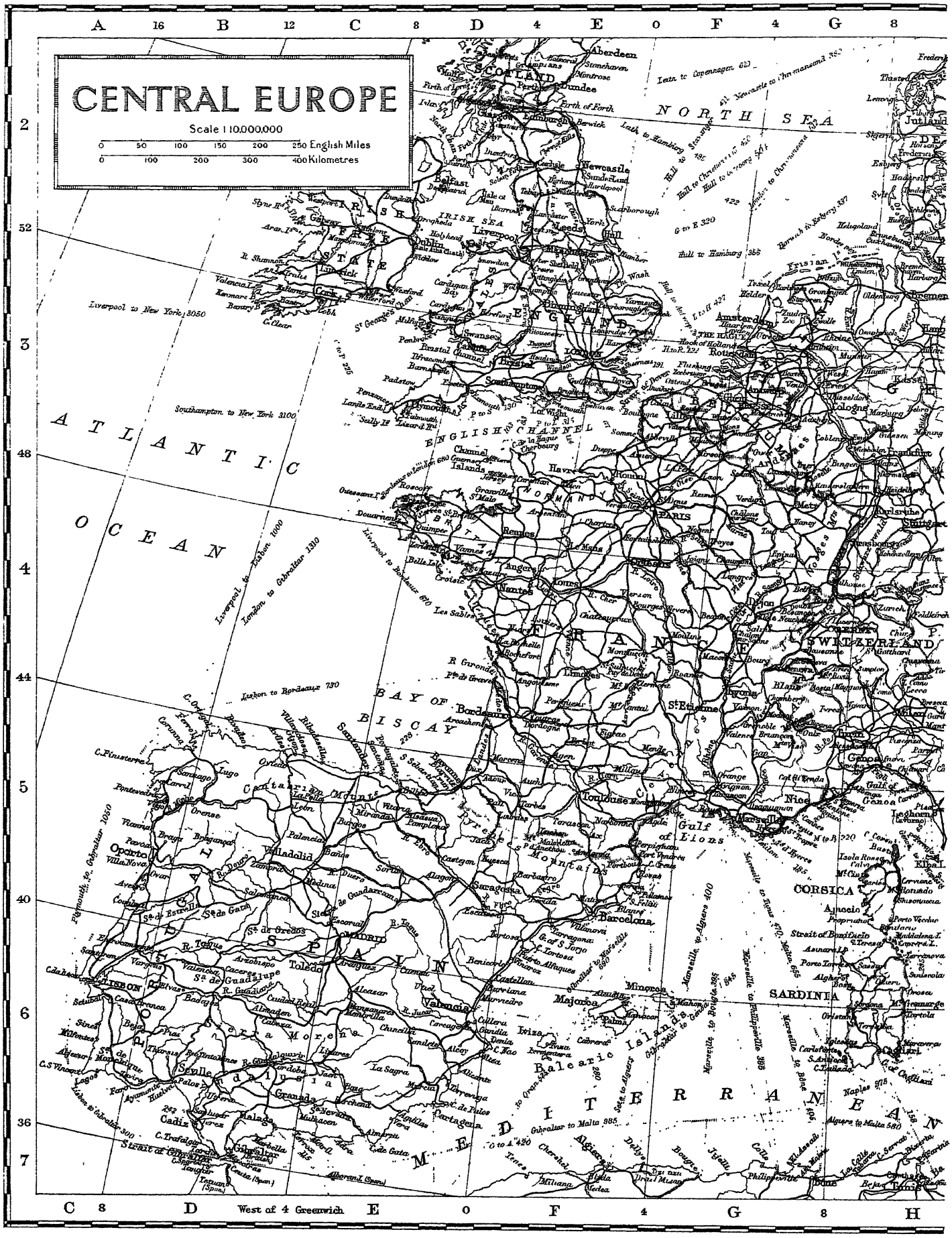
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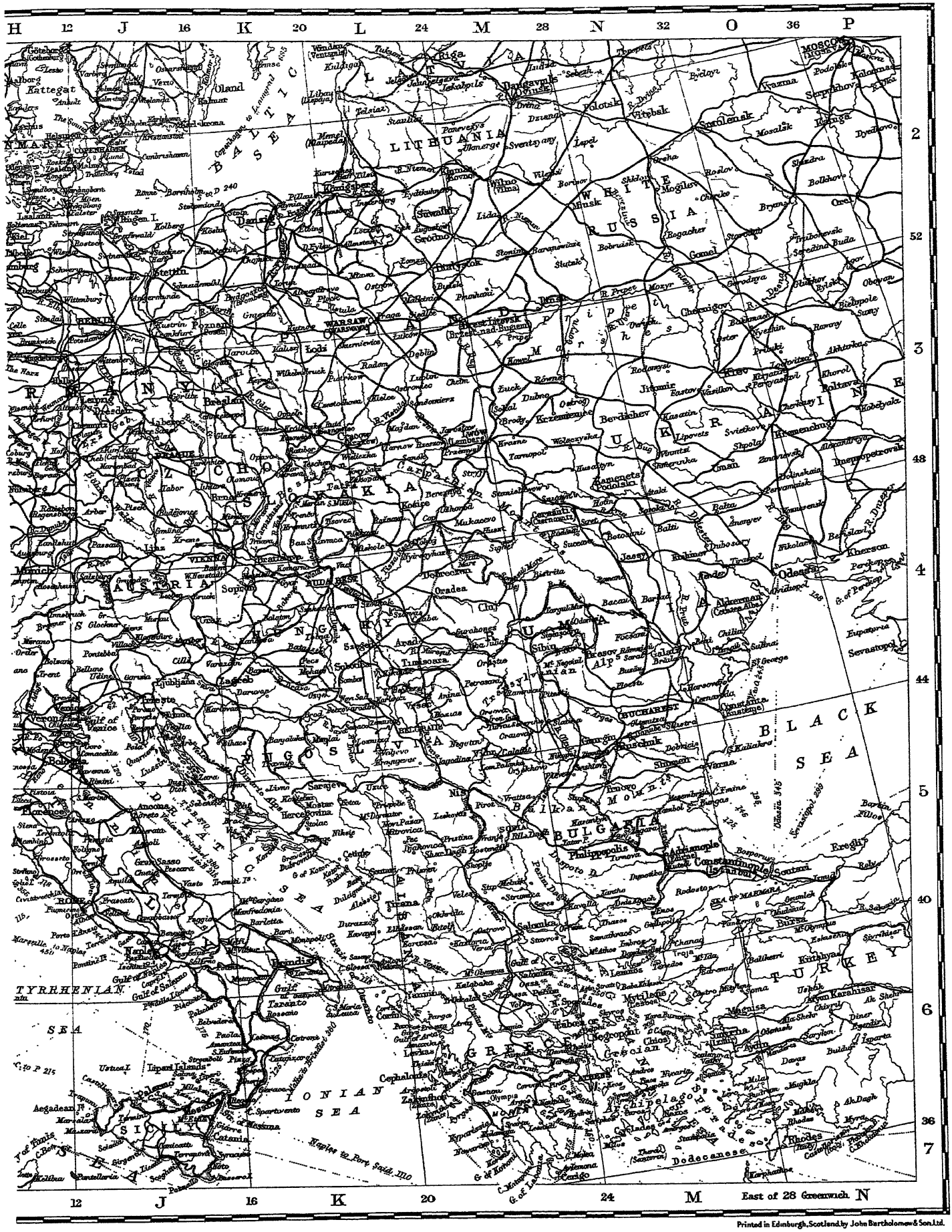

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Lake Como
Lake Maggiore
Lake Garda
Lake Trasimene
Lake Bolsena
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Lake Manyas
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Lake Kara
Lake Aibi
Lake Balkash
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Lake Aral
Lake Baikal
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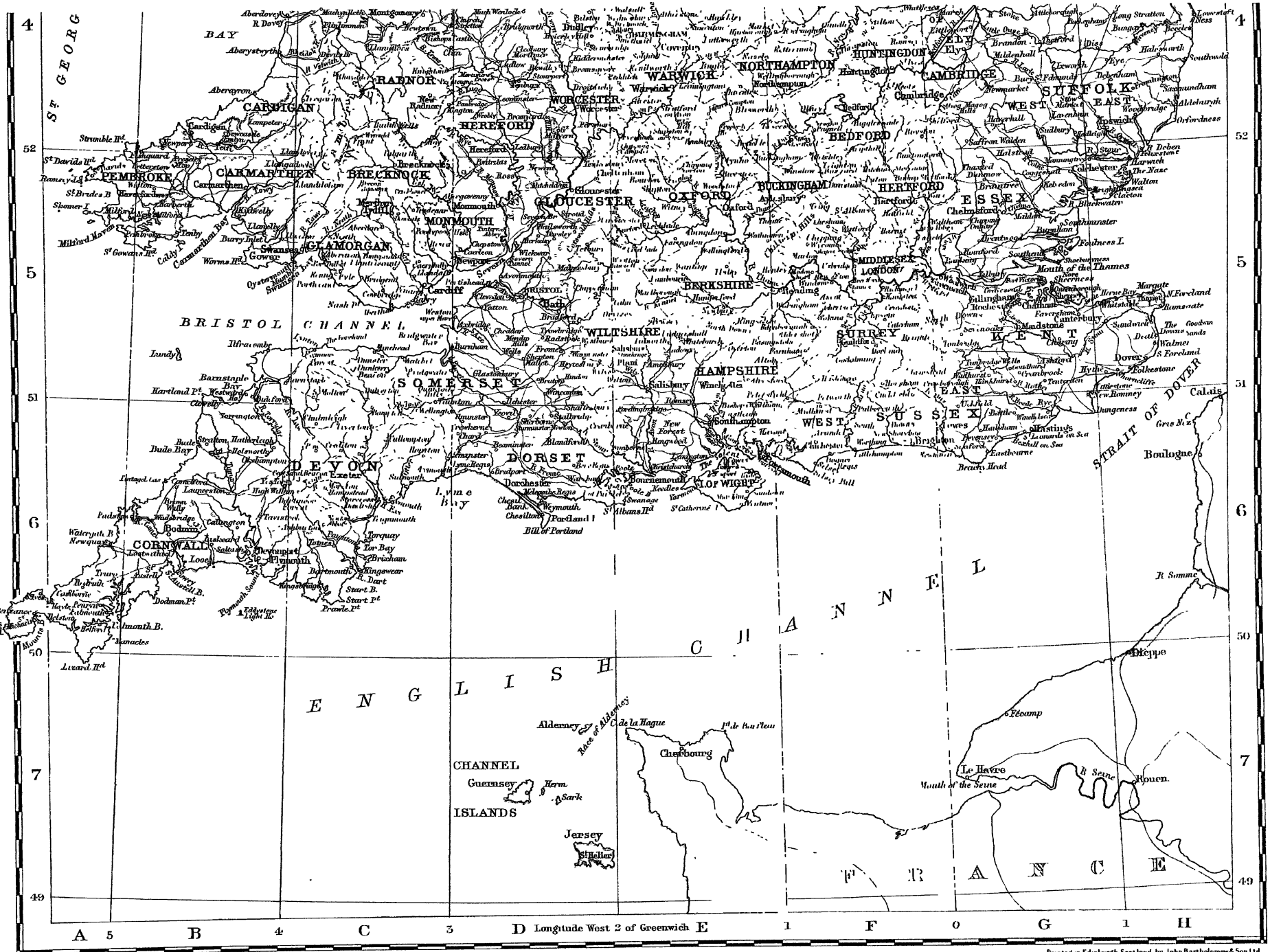
Britannica


CENTRAL EUROPE
Scale 1:10,000,000
0 50 100 150 200 250 English Miles
0 100 200 300 400 Kilometres
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C 8 D West of 4 Greenwich E 0 F 4 G 8 H
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ENGLAND
NORTH SEA
ATLANTIC OCEAN
ENGLISH CHANNEL
BAY OF BISCAY
FRANCE
SPAIN
PORTUGAL
BELGIUM
HOLLAND
GERMANY
SWITZERLAND
DENMARK
CORSICA
SARDINIA
Balearic Islands
MEDITERRANEAN SEA
Aberdeen
Dundee
Edinburgh
Belfast
Dublin
Newcastle
Leeds
Liverpool
Manchester
Sheffield
Hull
York
Amsterdam
Rotterdam
The Hague
Antwerp
Brussels
Ghent
Bruges
Ostend
Dunkirk
Calais
Boulogne
Dieppe
Le Havre
Rouen
Caen
Cherbourg
Paris
Orleans
Nantes
Brest
Lorient
Rennes
Bordeaux
Toulouse
Marseilles
Nice
Lyons
St Etienne
Dijon
Metz
Nancy
Strasbourg
Basle
Zurich
Berne
Geneva
Lausanne
Frankfurt
Cologne
Hamburg
Bremen
Hanover
Berlin
Munich
Stuttgart
Karlsruhe
Copenhagen
Jutland
Esbjerg
Aarhus
Aalborg
Frederikshavn
Skagen
Gothenburg
Malmo
Helsingborg
Helsingor
Elsinore
Oslo
Stavanger
Bergen
Trondheim
Stockholm
Gothland
Visby
Lisbon
Oporto
Coimbra
Evora
Faro
Sagres
Madrid
Toledo
Valladolid
Salamanca
Zamora
Burgos
Vitoria
Pamplona
Bilbao
San Sebastian
Santander
Oviedo
Gijon
Corunna
Ferrol
Vigo
Santiago
Pontevedra
Lugo
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Seville
Cadiz
Malaga
Granada
Cordoba
Jaen
Ciudad Real
Badajoz
Merida
Caceres
Albacete
Murcia
Cartagena
Alicante
Valencia
Saragossa
Barcelona
Tarragona
Tortosa
Castellon
Teruel
Huesca
Lerida
Gerona
Perpignan
Narbonne
Montpellier
Nimes
Avignon
Arles
Toulon
Cannes
Genoa
Leghorn
Pisa
Florence
Rome
Naples
Palermo
Messina
Catania
Syracuse
Valetta
Malta
Ajaccio
Bastia
Porto Vecchio
Bonifacio
Strait of Bonifacio
Sassari
Cagliari
Olbia
Algiers
Bougie
Philippeville
Bone
Tunis
Bizerta
Tripoli
Gibraltar
Tangier
Ceuta (Spain)
Alboran I. (Spain)
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C. Trafalgar
C. Finisterre
C. Ortegal
C. Villano
C. Mondego
C. St Vincent
C. Espichel
C. Tortosa
C. Creus
C. Corse
C. Bon
C. Blanc
C. Serrat
C. Carbon
C. Palos
C. de Gata
C. de Palos
C. Sicie
C. Cavalaire
C. Camarat
C. Antibes
C. Ferrat
C. Noli
C. Spartivento
C. Passero
C. Bianco
C. Teulada
C. Carbonara
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Lisbon to Bordeaux 730
Liverpool to Bordeaux 610
Plymouth to Gibraltar 1050
Lisbon to Gibraltar 300
Gibraltar to Malta 985
Marseilles to Algiers 400
Marseilles to Bona 395
Marseilles to Philippeville 335
Marseilles to Tunis 470
Algiers to Malta 580
Leith to Copenhagen 610
Hull to Hamburg 386
Hull to Christiansand 450
Hull to Gothenburg 564
Harwich to Antwerp 127
Harwich to Rotterdam 122
Harwich to Flushing 191
Dover to Ostend 68
Dover to Calais 22
Folkestone to Boulogne 31
Newhaven to Dieppe 64
Southampton to Le Havre 120
Weymouth to Cherbourg 120
Plymouth to Roscoff 150
Weymouth to Guernsey 80
Weymouth to Jersey 100
Penzance to St Mary's 28
Penzance to St Peter Port 95
Fishguard to Rosslare 50
Holyhead to Dublin 60
Holyhead to Kingstown 62
Stranraer to Larne 34
Portpatrick to Donaghadee 21
Heysham to Belfast 140
Liverpool to Belfast 130
Liverpool to Dublin 120
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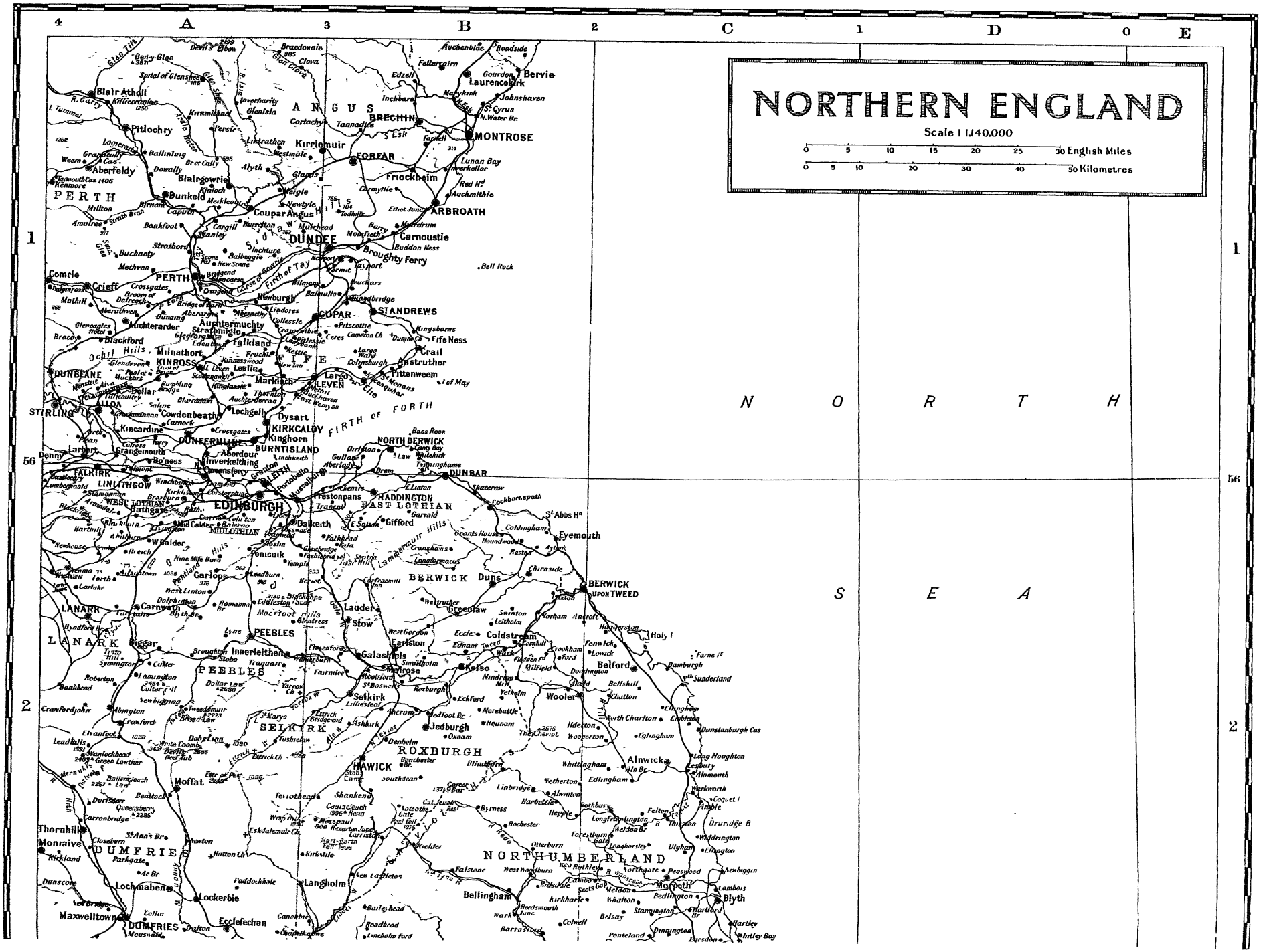
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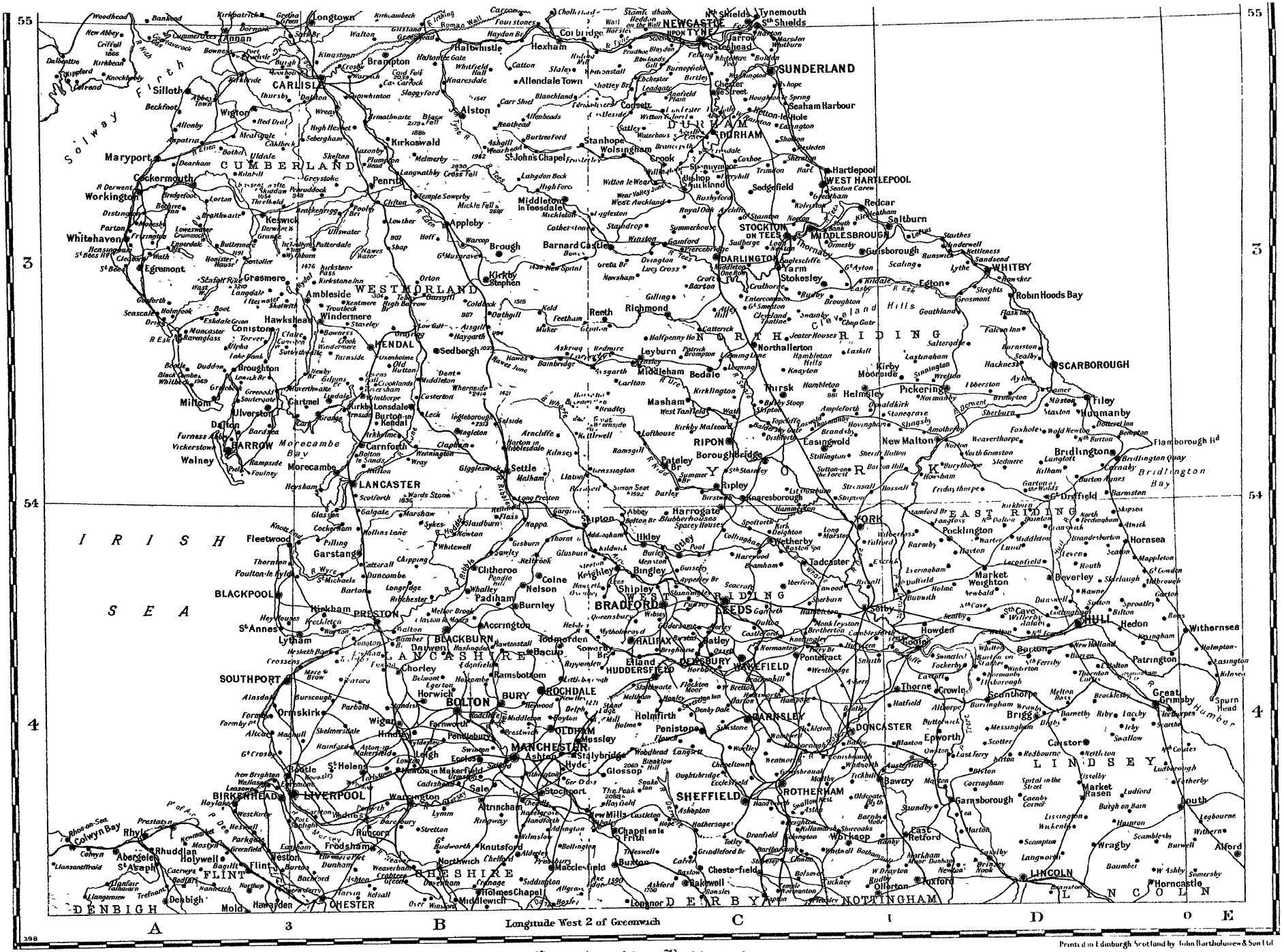

ENGLAND AND WALES
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0 20 40 60 80 100 Kilometres
SCOTLAND
NORTH SEA
IRISH SEA
NORTH CHANNEL
ST GEORGE'S CHANNEL
FIRTH OF CLYDE
SOLWAY FIRTH
Cheviot Hills
NORTHUMBERLAND
CUMBERLAND
WESTMORLAND
DURHAM
NORTH RIDING
YORK
EAST RIDING
WEST RIDING
LANCASHIRE
CHESHIRE
DERBY
NOTTINGHAM
LINCOLN
LINDSEY
KESTEVEN
HOLLAND
NORFOLK
The Wash
STAFFORD
SHROPSHIRE
LEICESTER
RUTLAND
DENBIGH
FLINT
CARNARVON
ANGLESEY
MERIONETH
MONTGOMERY
CARDIGAN
ISLE OF MAN
Wolds
Moors
Edinburgh
Glasgow
Leeds
Sheffield
Liverpool
Manchester
Carlisle
Newcastle
Sunderland
Durham
Hull
Lincoln
Norwich
Yarmouth
Derby
Nottingham
Leicester
Stafford
Shrewsbury
Chester
Belfast
Douglas
Holyhead
Berwick upon Tweed
Dumfries
Whitehaven
Workington
Barrow
Lancaster
Blackpool
Preston
Wigan
Bolton
Rochdale
Oldham
Huddersfield
Barnsley
Doncaster
Wakefield
Bradford
Halifax
Keighley
Skipton
Harrogate
Ripon
Richmond
Darlington
Stockton
Middlesbrough
Whitby
Scarborough
Bridlington
Beverley
Hornsea
Withernsea
Grimsby
Cleethorpes
Louth
Boston
Skegness
Spalding
Peterborough
Ely
Cambridge
Kings Lynn
Yarmouth
Lowestoft
Aberystwyth
Cardigan
Pembroke
Swansea
Llandudno
Bangor
Caernarvon
Conway
Rhyl
Wrexham
Shrewsbury
Ludlow
Hereford
Worcester
Gloucester
Cheltenham
Tewkesbury
Evesham
Stratford
Warwick
Coventry
Birmingham
Wolverhampton
Walsall
Dudley
Kidderminster
Bridgnorth
Oswestry
Welshpool
Newtown
Llandrindod
Builth
Brecon
Abergavenny
Monmouth
Chepstow
Newport
Cardiff
Merthyr Tydfil
Aberdare
Pontypridd
Bridgend
Neath
Swansea
Carmarthen
Haverfordwest
Milford Haven
Fishguard
Aberystwyth
Machynlleth
Dolgelley
Barmouth
Harlech
Portmadoc
Pwllheli
Bardsey Is
Holyhead
Amlwch
Beaumaris
Menai Straits
Caernarvon Bay
Skerries
Calf of Man
Peel
Ramsey
Castletown
Port Erin
Douglas
Belfast L.
Larne
Portpatrick
Stranraer
Wigtown
Whithorn
Burrow Hd
Mull of Galloway
Arran
Ayr
Kirkcaldy
Edinburgh
Leith
Dumbarton
Lanark
Selkirk
Hawick
Jedburgh
Melrose
Kelso
Berwick
Holy I
Farne Is
Bamborough Cas
Dunstanborough Cas
Alnwick
Almouth
Coquet I
Warkworth
Morpeth
Newbiggin
Blyth
Tynemouth
North Shields
Hartlepool
West Hartlepool
Seaham Harb
Whitby
Robin Hood Bay
Flamborough Hd
Bridlington Quay
Filey
Pickering
Helmsley
Thirsk
Northallerton
Richmond
Reeth
Hawes
Leyburn
Sedbergh
Kendal
Windermere
Ambleside
Keswick
Cockermouth
Maryport
Solway Firth
Whitehaven
St Bees Hd
Egremont
Gosforth
Ravenglass
Bootle
Furness
Walney I
Morecambe
Lancaster
Garstang
Fleetwood
Poulton
Southport
Formby
Ormskirk
Wigan
Leigh
Warrington
Widnes
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Chester
Wrexham
Ruthin
Denbigh
Rhyl
Flint
Holywell
Mold
Llangollen
Corwen
Bala
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Barmouth
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Oswestry
Ellesmere
Whitchurch
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Stoke
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Cannock
Wolverhampton
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Kidderminster
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Leamington
Coventry
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Sleaford
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Mansfield
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Ilkeston
Long Eaton
Loughborough
Melton Mowbray
Oakham
Uppingham
Market Harborough
Lutterworth
Hinckley
Nuneaton
Rugby
Daventry
Towcester
Brackley
Banbury
Chipping Norton
Moreton in the Marsh
Stow on the Wold
Cirencester
Tetbury
Malmesbury
Chippenham
Devizes
Marlborough
Swindon
Wantage
Abingdon
Oxford
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Burford
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Cardigan
Fishguard
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Pembroke
Tenby
Carmarthen
Llanelly
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Neath
Port Talbot
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Cardiff
Newport
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Merthyr Tydfil
Aberdare
Pontypridd
Caerphilly
Abergavenny
Pontypool
Usk
Raglan
Abergavenny
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Ludlow
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Newport
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Tetbury
Malmesbury
Chippenham
Devizes
Marlborough
Swindon
Wantage
Abingdon
Oxford
Witney
Burford
Tewkesbury
Gloucester
Ross
Monmouth
Abergavenny
Brecon
Builth
Llandrindod
Rhayader
Aberystwyth
Cardigan
Fishguard
Haverfordwest
Milford Haven
Pembroke
Tenby
Carmarthen
Llanelly
Swansea
Neath
Port Talbot
Bridgend
Cardiff
Newport
Chepstow
Merthyr Tydfil
Aberdare
Pontypridd
Caerphilly
Abergavenny
Pontypool
Usk
Raglan
Abergavenny
Hereford
Leominster
Ludlow
Bridgnorth
Wellington
Shifnal
Newport
Market Drayton
Nantwich
Crewe
Sandbach
Congleton
Macclesfield
Buxton
Leek
Uttoxeter
Ashbourne



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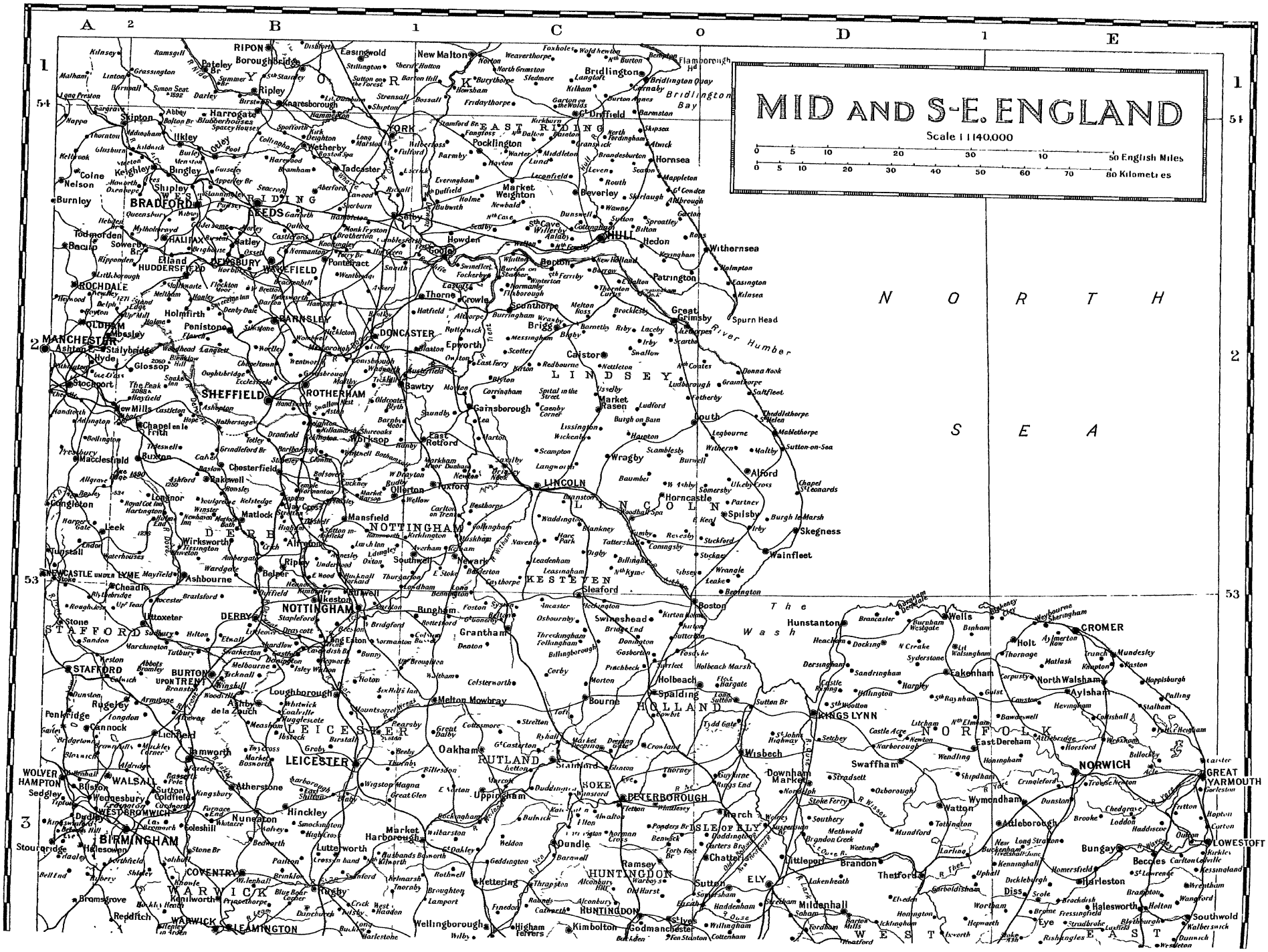
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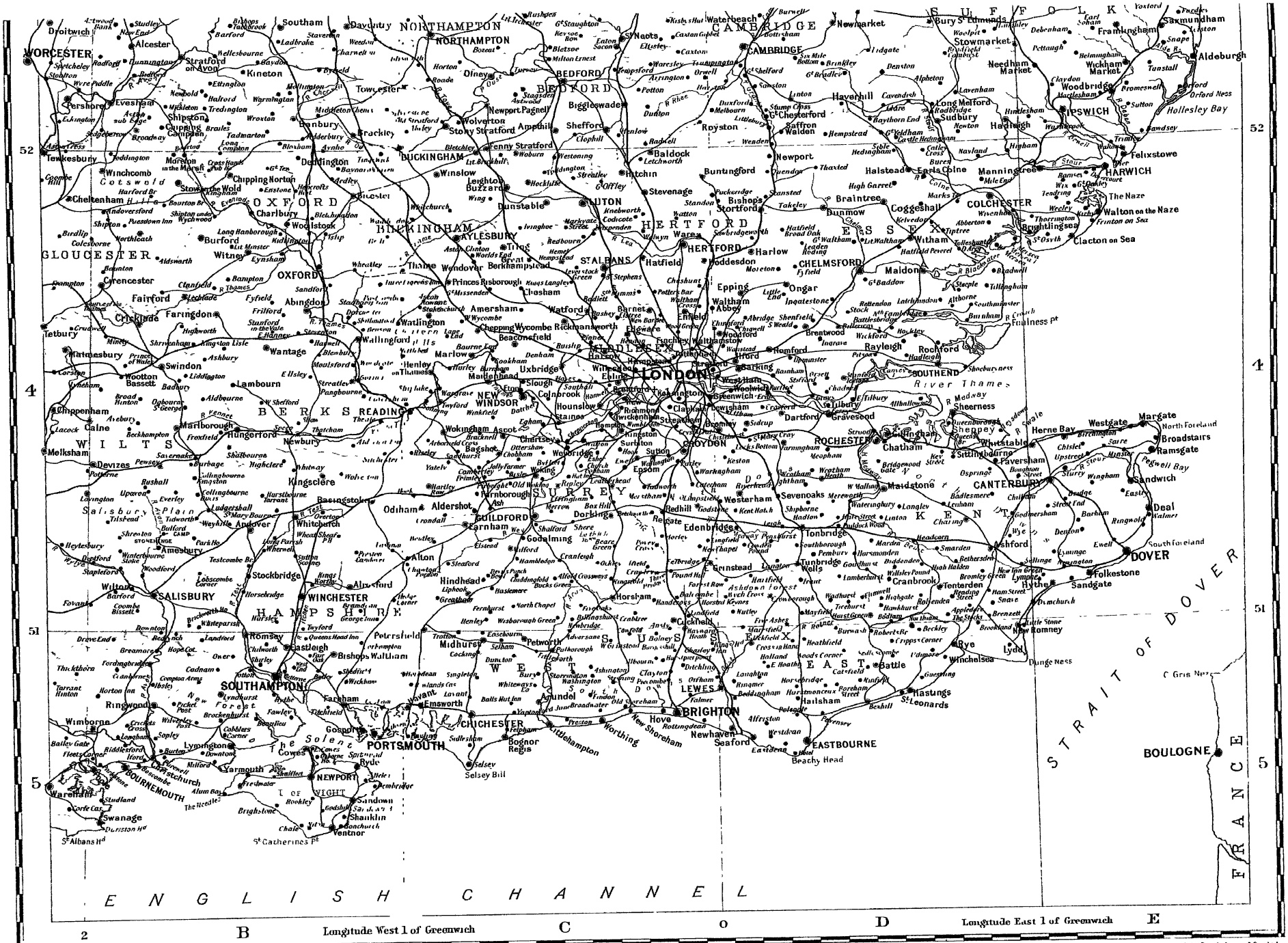

NORTHERN ENGLAND
Scale 1 1,140,000
0 5 10 15 20 25 30 English Miles
0 5 10 20 30 40 50 Kilometres
NORTH SEA
FIRTH OF FORTH
FIRTH OF TAY
ANGUS
PERTH
FIFE
KINROSS
CLACKMANNAN
STIRLING
DUNBARTON
WEST LOTHIAN
MIDLOTHIAN
EAST LOTHIAN
BERWICK
PEEBLES
SELKIRK
ROXBURGH
DUMFRIES
NORTHUMBERLAND
Ochil Hills
Lammermuir Hills
Pentland Hills
Cheviot
Blairgowrie
Perth
Dundee
Arbroath
Montrose
Forfar
Brechin
Carnoustie
Broughty Ferry
Crieff
Auchterarder
Dunfermline
Kirkcaldy
Cupar
St Andrews
Falkland
Leslie
Markinch
Glenrothes
Kinross
Milnathort
Alloa
Stirling
Falkirk
Linlithgow
Edinburgh
Leith
Musselburgh
Dunbar
North Berwick
Haddington
Gifford
Dalkeith
Penicuik
Eyemouth
Berwick upon Tweed
Lauder
Galashiels
Melrose
Kelso
Coldstream
Earlston
Peebles
Innerleithen
Selkirk
Jedburgh
Hawick
Moffat
Lockerbie
Langholm
Dumfries
Maxwelltown
Annan
Lochmaben
Thornhill
Wooler
Alnwick
Belford
Bellingham
Blyth
Morpeth
Rothbury
Berwick Hills
Cheviot
Kielder Forest
Kielder Water
Carter Bar
Soutra Hill
Fife Ness
Bell Rock
Inchkeith
Bass Rock
Isle of May
Holy I
Farne Is
Dunstanburgh Cas
Coquet I
Lindisfarne
Tweed
Whitadder
Eden Water
Esk
Annan
Nith
Clyde
Forth
Tay
Earn
Teviot
Ettrick Water
Yarrow Water
Gala Water
Leader Water
Whiteadder Water
Coquet
Aln
Wansbeck
Tyne
Derwent
Blackadder Water
Eye Water
Dye Water
Pease Bay
Cockburnspath
St Abbs Hd
Fast Castle Hd
Siccar Point
Torness Point
Barns Ness
Dunbar
Tantallon Castle
Bass Rock
Craigleith
Fidra
Lamb I
Inchkeith
Inchcolm
Aberdour
Burntisland
Kinghorn
Inverkeithing
Rosyth
Queensferry
Cramond
Granton
Portobello
Newhaven
Leith
Musselburgh
Prestonpans
Cockenzie
Aberlady
Gullane
Dirleton
North Berwick
Law
Tantallon Castle
Whitekirk
Tyninghame
Skateraw
Cockburnspath
St Abbs Hd
Eyemouth
Coldingham
Grants House
Houndwood
Reston
Ayton
Chirnside
Duns
Greenlaw
Swinton
Norham
Ancroft
Berwick upon Tweed
Holy I
Lindisfarne
Bamburgh
Belford
Wooler
Chatton
Ford
Lowick
Fenwick
Doddington
Milfield
Kelso
Coldstream
Cornhill
Carham
Sprouston
Mindrum
Yetholm
Kirk Yetholm
Eccles
Leitholm
Swinton
Norham
Ancroft
Earlston
Ednam
Smailholm
Sandyknowe
Galashiels
Melrose
Abbotsford
St Boswells
Roxburgh
Eckford
Morebattle
Hownam
Oxnam
Jedburgh
Jedfoot Br
Ancrum
Lilliesleaf
Selkirk
Ashkirk
Midlem
Yarrow Ch
Yarrow Water
Ettrick Water
Ettrick Ch
Tushielaw
Deloraine
Denholm
Minto Hills
Hawick
Branxton
Crookham
Ford
Lowick
Fenwick
Doddington
Milfield
Wooler
Chatton
Ilderton
Wooperton
Whittingham
Alnwick
Alnmouth
Warkworth
Amble
Coquet I
Felton
Thrunton
Longframlington
Rothbury
Harbottle
Byrness
Rochester
Otterburn
Forestburn Gate
Elsdon
Corbridge
Hexham
Haydon Bridge
Bellingham
Falstone
West Woodburn
Kielder
Kielder Water
Carter Bar
Soutra Hill
Lauder
Oxton
Earlston
Melrose
Galashiels
Selkirk
Jedburgh
Hawick
Newcastleton
Langholm
Canonbie
Gretna
Annan
Dumfries
Lockerbie
Ecclefechan
Lochmaben
Thornhill
Moniaive
Sanquhar
New Cumnock
Cumnock
Mauchline
Kilmarnock
Irvine
Ayr
Girvan
Stranraer
Portpatrick
Wigtown
Newton Stewart
Whithorn
Isle of Whithorn
Glenluce
Port William
Kirkcudbright
Dalbeattie
Castle Douglas
Gatehouse of Fleet
Creetown
Palnure
Barrhill
Girvan
Ballantrae
Maybole
Dailly
Straiton
Dalmellington
Patna
Ayr
Prestwick
Troon
Irvine
Kilmarnock
Kilwinning
Stevenston
Saltcoats
Ardrossan
Largs
Fairlie
Millport
Cumbrae
Arran
Brodick
Lamlash
Whiting Bay
Kildonan
Pladda
Ailsa Craig
Girvan
Ballantrae
Stranraer
Portpatrick
Wigtown
Newton Stewart
Whithorn
Isle of Whithorn
Glenluce
Port William
Kirkcudbright
Dalbeattie
Castle Douglas
Gatehouse of Fleet
Creetown
Palnure
Barrhill
Girvan
Ballantrae
Maybole
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Saltcoats
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Brodick
Lamlash
Whiting Bay
Kildonan
Pladda
Ailsa Craig

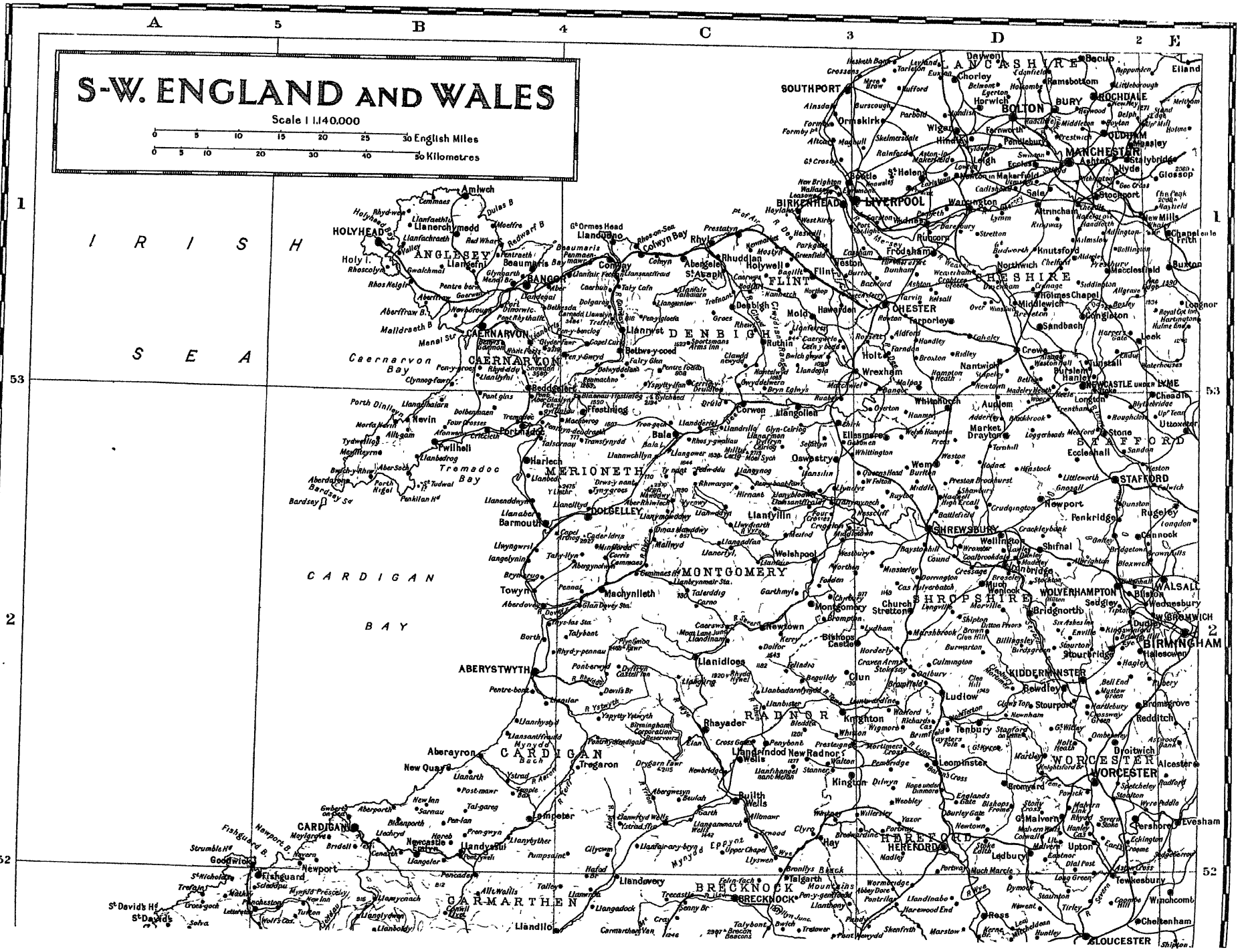


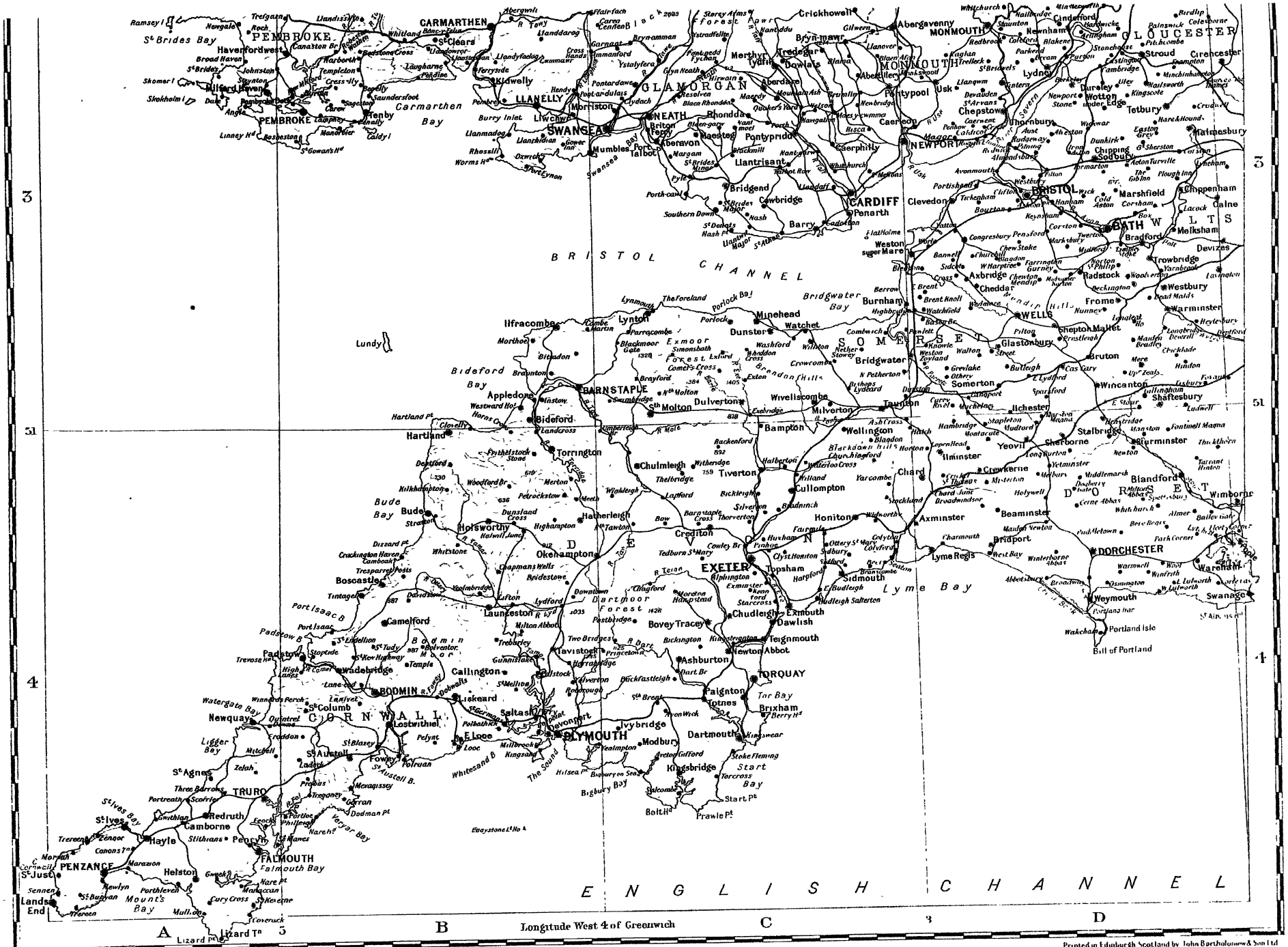
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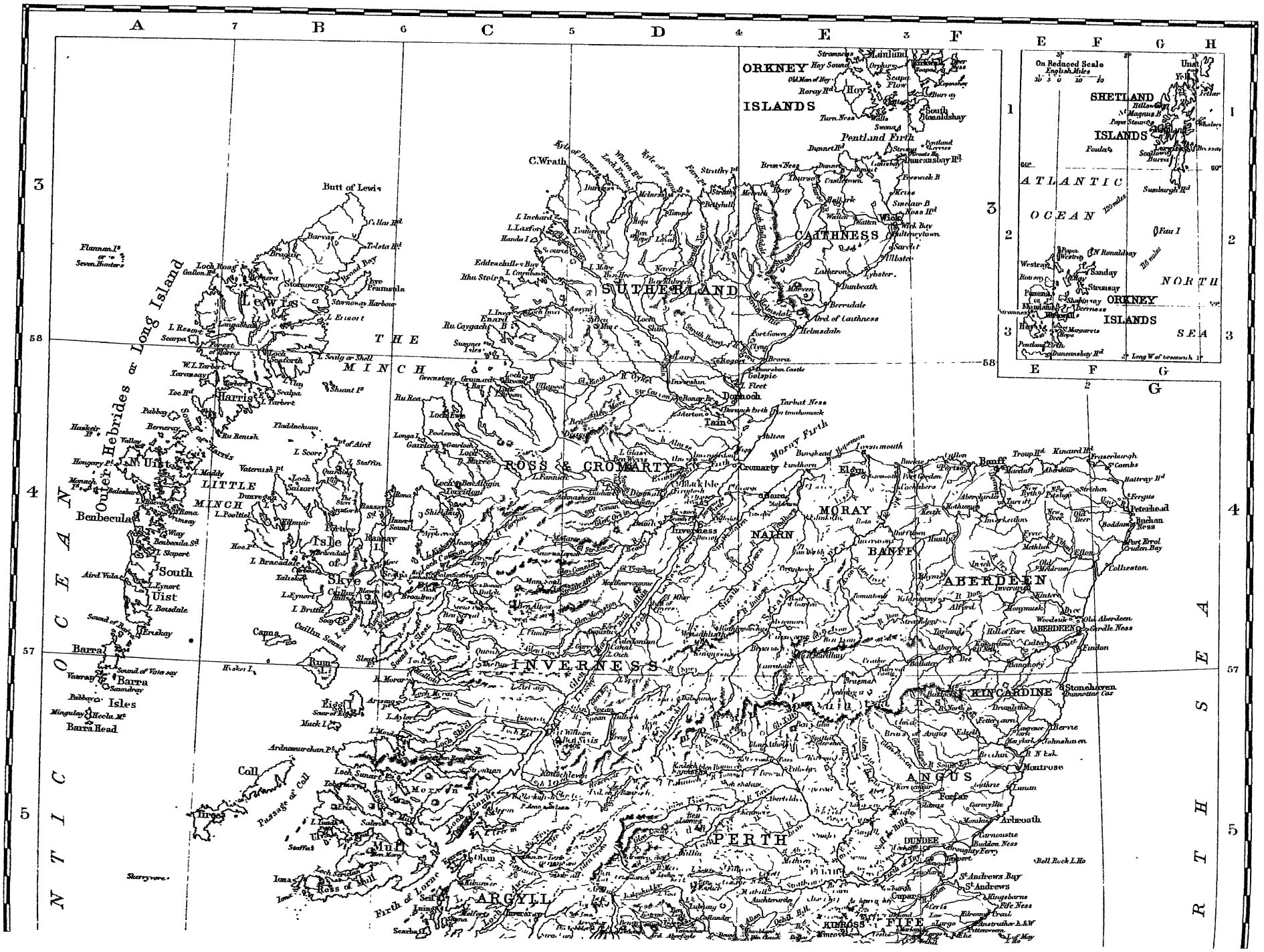
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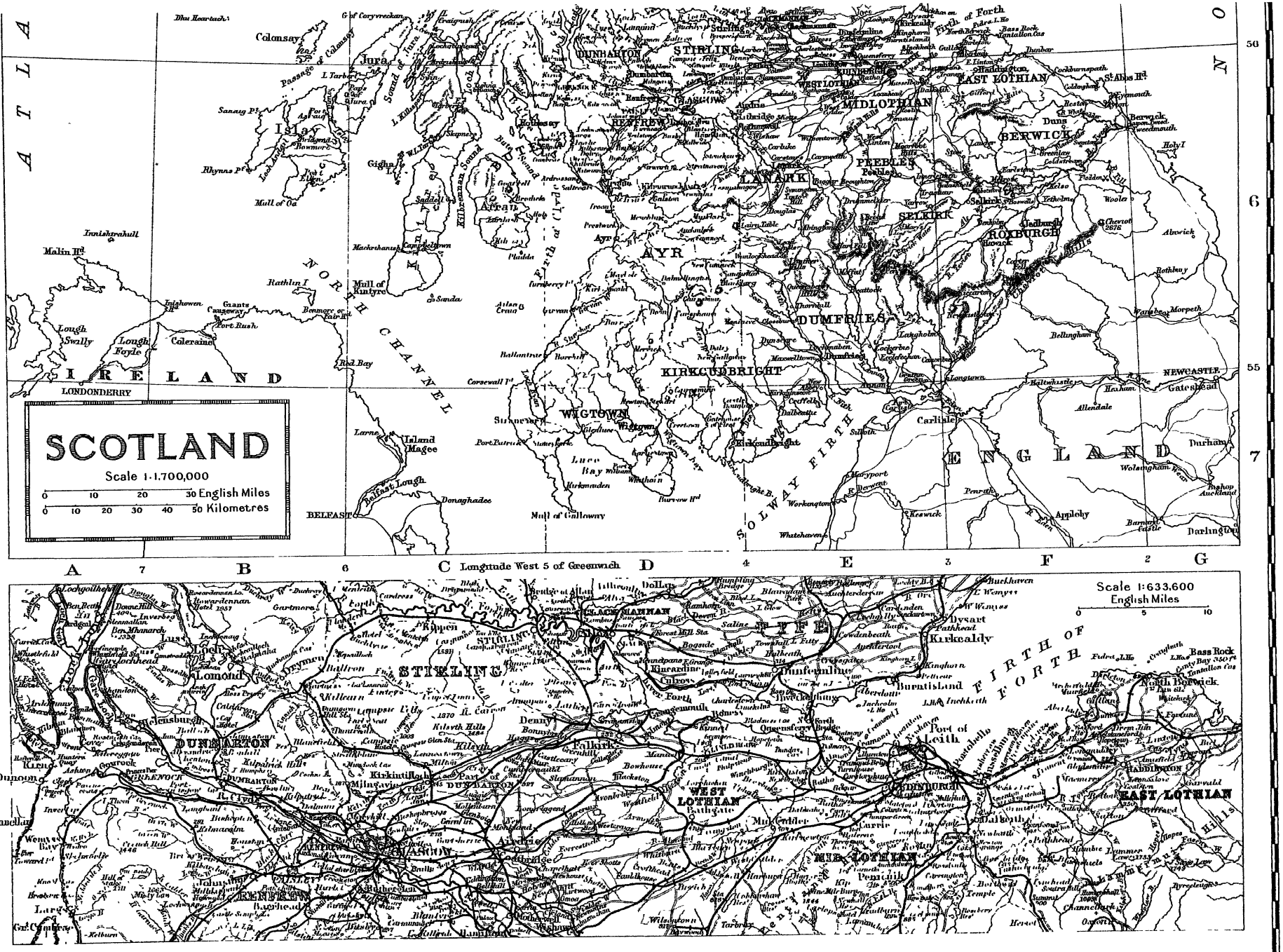

MID AND S-E. ENGLAND
Scale 1 : 1140,000
0 5 10 20 30 40 50 60 70 80 Kilometres
0 5 10 20 30 40 50 60 70 80 English Miles
A 2 B 1 C O D 1 E
1 54 53 2 3
YORK
EAST RIDING
NORTH SEA
The Wash
LINCOLN
LINDSEY
KESTEVEN
HOLLAND
NORFOLK
SUFFOLK
EAST
WEST
RUTLAND
LEICESTER
NOTTINGHAM
DERBY
STAFFORD
WARWICK
HUNTINGDON
ISLE OF ELY
SOKE
River Humber
MANCHESTER
BRADFORD
LEEDS
HULL
SHEFFIELD
BIRMINGHAM
NORWICH
PETERBOROUGH
LINCOLN
KINGS LYNN
GREAT YARMOUTH
LOWESTOFT
CROMER
SKEGNESS
WAINFLEET
BOSTON
GRIMSBY
SCUNTHORPE
DONCASTER
BARNSLEY
WAKEFIELD
HALIFAX
HUDDERSFIELD
OLDHAM
ROCHDALE
STOCKPORT
ROTHERHAM
MANSFIELD
CHESTERFIELD
DERBY
NOTTINGHAM
LEICESTER
COVENTRY
WOLVERHAMPTON
WALSALL
DUDLEY
WEST BROMWICH
STOKE-ON-TRENT
NEWCASTLE UNDER LYME
STAFFORD
BURTON UPON TRENT
LICHFIELD
CANNOCK
RUGELEY
TAMWORTH
NUNEATON
RUGBY
LEAMINGTON
KENILWORTH
BROMSGROVE
REDDITCH
HINCKLEY
LOUGHBOROUGH
MELTON MOWBRAY
GRANTHAM
SLEAFORD
NEWARK
WORKSOP
RETFORD
DONCASTER
GAINSBOROUGH
BRIGG
CLEETHORPES
IMMINGHAM
GRIMSBY
SPURN HEAD
PATRINGTON
WITHERNSEA
HORNSEA
BRIDLINGTON
FLAMBOROUGH HD
SCARBOROUGH
WHITBY
RIPON
HARROGATE
KNARESBOROUGH
SKIPTON
ILKLEY
KEIGHLEY
SHIPLEY
BINGLEY
TODMORDEN
BACUP
HALIFAX
DEWSBURY
WAKEFIELD
PONTEFRACT
CASTLEFORD
SELBY
GOOLE
HOWDEN
BEVERLEY
MARKET WEIGHTON
POCKLINGTON
MALTON
NEW MALTON
DRIFFIELD
GT DRIFFIELD
BRIDLINGTON
BRIDLINGTON BAY
FILEY
SCARBOROUGH
WHITBY
THORNTON
HELMSLEY
THIRSK
NORTHALLERTON
RICHMOND
DARLINGTON
STOCKTON
MIDDLESBROUGH
REDCAR
SALTBURN
GUISBOROUGH
LOFTUS
WHITBY
ROBIN HOOD'S BAY
RAVENSCAR
SCALBY
FILEY
BRIDLINGTON
HORNSEA
WITHERNSEA
SPURN HEAD
GREAT GRIMSBY
CLEETHORPES
IMMINGHAM
BARTON
BARROW
BRIGG
GAINSBOROUGH
WORKSOP
RETFORD
EAST RETFORD
TUXFORD
OLLERTON
MANSFIELD
SOUTHWELL
NEWARK
GRANTHAM
STAMFORD
BOURNE
SPALDING
HOLBEACH
WISBECH
KINGS LYNN
HUNSTANTON
WELLS
FAKENHAM
HOLT
CROMER
SHERINGHAM
NORTH WALSHAM
AYLSHAM
DEREHAM
EAST DEREHAM
SWAFFHAM
DOWNHAM MARKET
THETFORD
ATTLEBOROUGH
WYMONDHAM
NORWICH
GREAT YARMOUTH
LOWESTOFT
BECCLES
BUNGAY
HALESWORTH
HARLESTON
DISS
DITCHINGHAM
BECCLES
SOUTHWOLD
SAXMUNDHAM
LEISTON
ALDEBURGH
FELIXSTOWE
IPSWICH
WOODBRIDGE
FRAMLINGHAM
STOWMARKET
EYE
DISS
HARLESTON
BUNGAY
LOWESTOFT
GREAT YARMOUTH
NORWICH
THETFORD
BRANDON
MILDENHALL
NEWMARKET
ELY
SUTTON
RAMSEY
HUNTINGDON
ST IVES
GODMANCHESTER
KIMBOLTON
HIGHAM FERRERS
WELLINGBOROUGH
KETTERING
CORBY
OAKHAM
UPPINGHAM
MARKET HARBOROUGH
LUTTERWORTH
RUGBY
LEAMINGTON
KENILWORTH
COVENTRY
NUNEATON
HINCKLEY
LOUGHBOROUGH
MELTON MOWBRAY
GRANTHAM
SLEAFORD
BOSTON
SKEGNESS
WAINFLEET
ALFORD
LOUTH
MABLETHORPE
SUTTON-ON-SEA
LEGBOURNE
GRAINTHORPE
SALTFLEET
THEDDLETHORPE ST HELEN
ST LEONARDS
CHAPEL
SPILSBY
BURGH LE MARSH
HORNCASTLE
PARTNEY
WOODHALL SPA
WRAGBY
MARKET RASEN
CAISTOR
CAISTOR
BARNETBY
BARTON
NEW HOLLAND
BARROW
BARTON
BRIGG
GAINSBOROUGH
SCUNTHORPE
CROWLE
THORNE
EPWORTH
DONCASTER
BAWTRY
TICKHILL


ENGLISH CHANNEL
STRAIT OF DOVER
FRANCE
BOULOGNE
Longitude West 1 of Greenwich
Longitude East 1 of Greenwich
LONDON
SOUTHAMPTON
PORTSMOUTH
BRIGHTON
CHICHESTER
SALISBURY
WINCHESTER
OXFORD
CAMBRIDGE
IPSWICH
COLCHESTER
CANTERBURY
MAIDSTONE
ROCHESTER
DOVER
GUILDFORD
READING
NORTHAMPTON
BEDFORD
LUTON
HERTFORD
CHELMSFORD
SOUTHEND
HARWICH
NEWPORT
I. OF WIGHT
EASTBOURNE
HASTINGS
LEWES
WORCESTER
GLOUCESTER
BERKS
BUCKINGHAM
HAMPSHIRE
SURREY
KENT
ESSEX
SUFFOLK
NORFOLK
WILTS
The Solent
Spithead
Selsey Bill
Beachy Head
Dungeness
Foreland
Margate
Ramsgate
Deal
Sandwich
Folkestone
Hythe
Sandgate
Ashford
Tenterden
Rye
Winchelsea
Hastings
St Leonards
Eastbourne
Brighton
Hove
Worthing
Littlehampton
Bognor Regis
Chichester
Portsmouth
Gosport
Fareham
Emsworth
Havant
Petersfield
Midhurst
Horsham
Arundel
Southampton
Romsey
Eastleigh
Bishops Waltham
Alresford
Winchester
Basingstoke
Andover
Whitchurch
Stockbridge
Salisbury
Ringwood
Fordingbridge
Wimborne
Lymington
Christchurch
Bournemouth
Swanage
Newport
Yarmouth
Freshwater
Ventnor
Shanklin
Sandown
Cowes
Ryde
St Albans Hd
St Catherines Pt
Needles
Hurst Castle

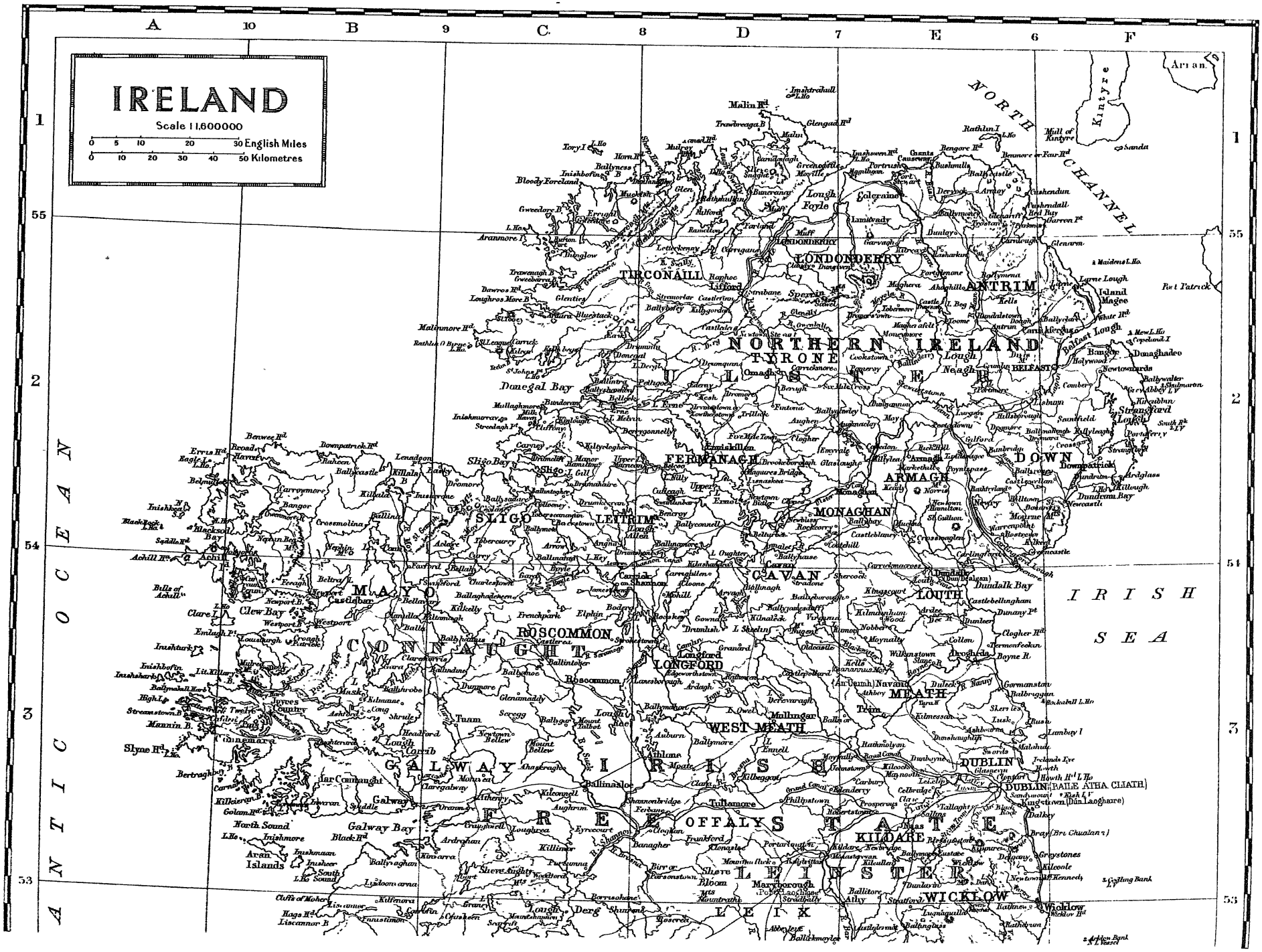

S-W. ENGLAND AND WALES
Scale 1 1.140,000
0 5 10 15 20 25 30 English Miles
0 5 10 20 30 40 50 Kilometres
A
B
C
D
E
1
2
3
4
5
IRISH SEA
CARDIGAN BAY
Caernarvon Bay
Tremadoc Bay
ANGLESEY
CARNARVON
DENBIGH
FLINT
MERIONETH
MONTGOMERY
RADNOR
CARDIGAN
CARMARTHEN
BRECKNOCK
HEREFORD
SHROPSHIRE
CHESHIRE
LANCASHIRE
STAFFORD
WORCESTER
GLOUCESTER
Brecknock Mountains
Holyhead
Llanerchymedd
Amlwch
Beaumaris
Bangor
Caernarvon
Conway
Llandudno
Rhyl
Abergele
St Asaph
Denbigh
Ruthin
Mold
Flint
Holywell
Hawarden
Chester
Wrexham
Llangollen
Corwen
Bala
Dolgelley
Barmouth
Harlech
Portmadoc
Pwllheli
Nevin
Criccieth
Llanberis
Llanrwst
Betws-y-coed
Llandrillo
Oswestry
Whitchurch
Ellesmere
Wem
Shrewsbury
Newport
Wellington
Shifnal
Wolverhampton
Walsall
Birmingham
Bromwich
Dudley
Stourbridge
Kidderminster
Bewdley
Ludlow
Tenbury
Bromsgrove
Redditch
Droitwich
Worcester
Malvern
Pershore
Evesham
Tewkesbury
Cheltenham
Gloucester
Winchcomb
Stow
Ross
Monmouth
Chepstow
Abergavenny
Crickhowell
Brecon
Builth Wells
Llandrindod Wells
New Radnor
Presteigne
Knighton
Rhayader
Llanidloes
Newtown
Welshpool
Montgomery
Machynlleth
Aberystwyth
Aberayron
New Quay
Cardigan
Lampeter
Tregaron
Llandovery
Llandilo
Carmarthen
Llanelly
Pembroke
Haverfordwest
Fishguard
Goodwick
Newport
St Davids
St David's Hd
Strumble Hd
Cardigan B
Fishguard B
Holyhead B
Aberffraw B
Malldraeth B
Caernarvon B
Conway B
Rhos on Sea
Gt Ormes Head
Pt of Air
Liverpool
Birkenhead
Southport
Ormskirk
Wigan
Bolton
Bury
Rochdale
Oldham
Manchester
Stockport
Warrington
Runcorn
Frodsham
Northwich
Crewe
Nantwich
Middlewich
Sandbach
Macclesfield
Buxton
Leek
Congleton
Holmes Chapel
Knutsford
Altrincham
Sale
Eccles
Salford
Ashton
Stalybridge
Hyde
Glossop
Prestatyn
Rhuddlan
Holywell
Mostyn
Greenfield
Flint
Connah's Quay
Queensferry
Northop
Buckley
Mold
Ruthin
Denbigh
Llanrwst
Betws-y-coed
Llandrillo
Corwen
Llangollen
Ellesmere
Whitchurch
Oswestry
Wem
Shrewsbury
Wellington
Shifnal
Wolverhampton
Walsall
Birmingham
Bromwich
Dudley
Stourbridge
Kidderminster
Bewdley
Ludlow
Tenbury
Bromsgrove
Redditch
Droitwich
Worcester
Malvern
Pershore
Evesham
Tewkesbury
Cheltenham
Gloucester
Winchcomb
Stow
Ross
Monmouth
Chepstow
Abergavenny
Crickhowell
Brecon
Builth Wells
Llandrindod Wells
New Radnor
Presteigne
Knighton
Rhayader
Llanidloes
Newtown
Welshpool
Montgomery
Machynlleth
Aberystwyth
Aberayron
New Quay
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Lampeter
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Malldraeth B
Caernarvon B
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Middlewich
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Sale
Eccles
Salford
Ashton
Stalybridge
Hyde
Glossop

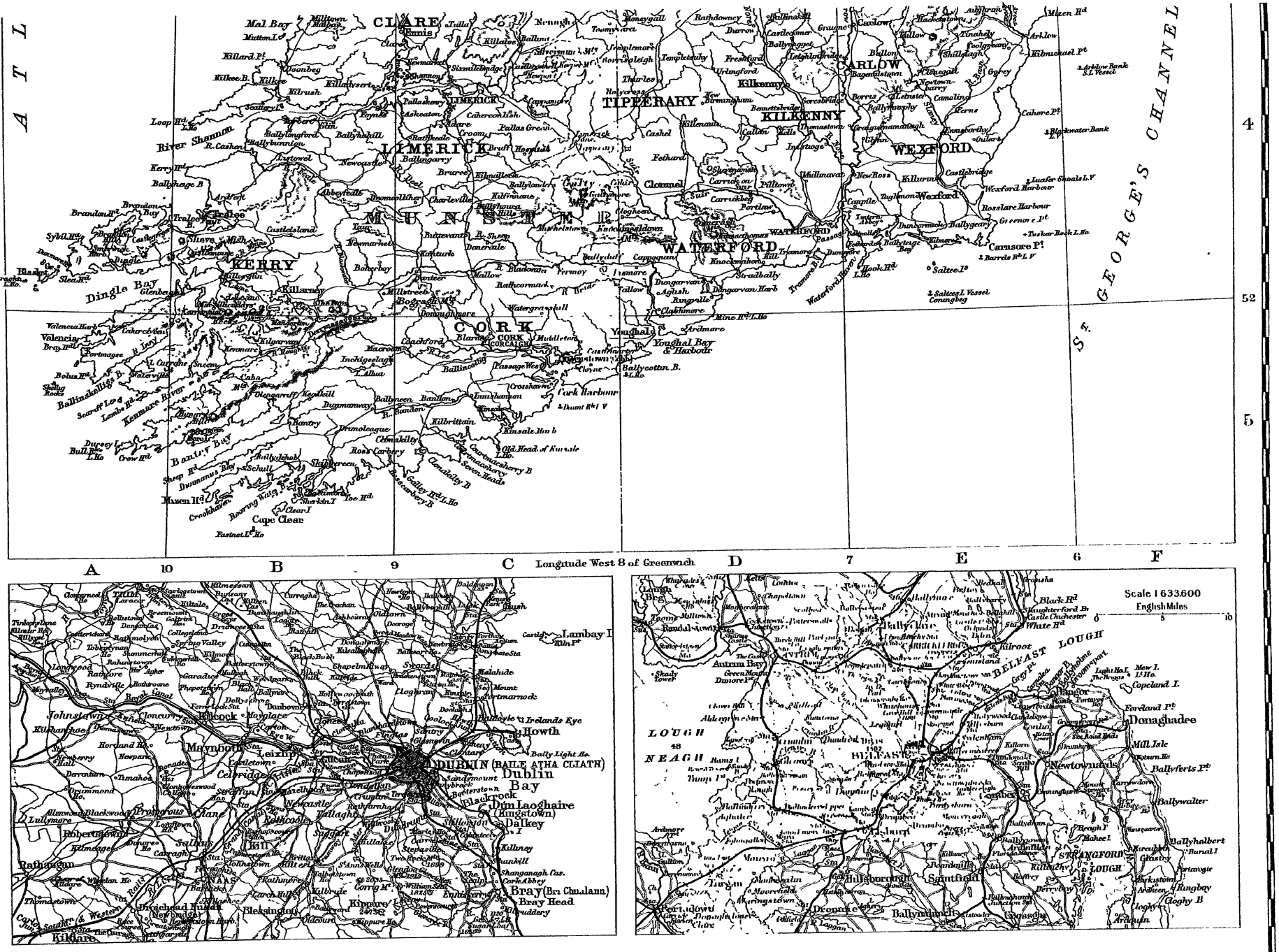

BRISTOL CHANNEL
ENGLISH CHANNEL
Bristol Channel
Bideford Bay
Bridgwater Bay
Carmarthen Bay
St Brides Bay
Milford Haven
Lundy
Bude Bay
Boscastle
Port Isaac B
Padstow B
Newquay
Watergate Bay
Ligger Bay
St Ives Bay
Mount's Bay
Landsend
Falmouth Bay
Lizard Pt
Lizard Tn
Start Bay
Bigbury Bay
Start Pt
Prawle Pt
Bolt Hd
Lyme Bay
Portland Isle
Bill of Portland
Weymouth
Portland Bar
Swanage
Wareham
Poole
Christchurch
Wimborne
Blandford
Sherborne
Yeovil
Ilminster
Chard
Axminster
Beaminster
Bridport
Lyme Regis
Honiton
Crediton
Okehampton
Launceston
Camelford
Bodmin
Wadebridge
Padstow
Callington
Liskeard
Saltash
Devonport
Plymouth
Ivybridge
Modbury
Dartmouth
Totnes
Paignton
Brixham
Torquay
Teignmouth
Dawlish
Exmouth
Sidmouth
Topsham
Exeter
Chudleigh
Newton Abbot
Ashburton
Bovey Tracey
Moretonhampstead
Tavistock
Princetown
Dartmoor Forest
Okehampton
Hatherleigh
Holsworthy
Torrington
Hartland
Bideford
Barnstaple
Appledore
Ilfracombe
Lynton
Lynmouth
Minehead
Watchet
Dunster
Porlock
Exmoor Forest
Brendon Hills
Quantock Hills
Blackdown Hills
Mendip Hills
Bridgwater
Burnham
Weston super Mare
Clevedon
Portishead
Bristol
Cardiff
Penarth
Barry
Bridgend
Cowbridge
Llantrisant
Pontypridd
Aberdare
Merthyr Tydfil
Tredegar
Abergavenny
Monmouth
Chepstow
Newport
Caerleon
Usk
Pontypool
Abertillery
Ebbw Vale
Rhondda
Neath
Swansea
Mumbles
Port Talbot
Aberavon
Maesteg
Llanelly
Kidwelly
Carmarthen
Whitland
St Clears
Laugharne
Pembroke
Pembroke Dock
Haverfordwest
Milford Haven
Fishguard
Cardigan
Aberystwith
Llandovery
Brecon
Crickhowell
Abergavenny
Chepstow
Monmouth
Ross
Gloucester
Cirencester
Stroud
Tetbury
Malmesbury
Chippenham
Calne
Devizes
Melksham
Trowbridge
Bradford
Bath
Radstock
Frome
Westbury
Warminster
Wells
Glastonbury
Shepton Mallet
Somerton
Taunton
Bridgwater
Bruton
Wincanton
Shaftesbury
Sturminster
Blandford
Wimborne
Dorchester
Weymouth
Swanage
Wareham
Poole
Christchurch
Lymington
Ringwood
Fordingbridge
Salisbury
Andover
Basingstoke
Reading
Oxford
Swindon
Cirencester
Gloucester
Hereford
Ross
Monmouth
Abergavenny
Brecon
Merthyr Tydfil
Cardiff
Newport
Bristol
Taunton
Exeter
Plymouth
Torquay
Dartmouth
Totnes
Brixham
Penzance
Falmouth
Truro
Redruth
Camborne
Hayle
St Ives
St Austell
Newquay
Padstow
Bodmin
Launceston
Okehampton
Tiverton
Cullompton
Honiton
Axminster
Lyme Regis
Bridport
Dorchester
Weymouth
Portland Isle
Bill of Portland


ORKNEY ISLANDS
Pentland Firth
C. Wrath
Butt of Lewis
Outer Hebrides or Long Island
Lewis
Harris
North Uist
Benbecula
South Uist
Barra
Barra Isles
Barra Head
Eriskay
Canna
Rum
Eigg
Muck
Coll
Tiree
Skerryvore
Mull
Iona
Ross of Mull
Isle of Skye
Raasay
Scalpa
Pabbay
Berneray
Flannan Is
Seven Hunters
SUTHERLAND
CAITHNESS
ROSS & CROMARTY
INVERNESS
NAIRN
MORAY
BANFF
ABERDEEN
KINCARDINE
ANGUS
PERTH
ARGYLL
DUNDEE
FIFE
KINROSS
Moray Firth
Dornoch
Tain
Cromarty
Elgin
Banff
Peterhead
Fraserburgh
Aberdeen
Montrose
Arbroath
Forfar
St Andrews
Stonehaven
Inverness
Wick
Thurso
Dunbeath
Helmsdale
Golspie
Lybster
Berriedale
Ord of Caithness
Duncansby Head
Dunnet Head
Strathy Pt
Kyle of Durness
Loch Eriboll
Watten L
Loch Shin
Loch Ness
Loch Lochy
Loch Linnhe
Loch Leven
Loch Maree
Loch Broom
Loch Torridon
Loch Carron
Loch Alsh
Loch Duich
Loch Hourn
Loch Nevis
Loch Morar
Loch Shiel
Loch Sunart
Loch Etive
Loch Awe
Loch Fyne
Loch Tay
Loch Rannoch
Loch Lomond
Loch Katrine
Loch Earn
Loch Leven
Firth of Lorne
Sound of Mull
Sound of Harris
Sound of Barra
Sound of Raasay
Kyle Rhea
Kyle Akin
Caolas Scalpa
Passage of Coll
Corryvreckan
Minch
The Minch
Little Minch
Pentland Firth
Stromness
Kirkwall
Mainland
Hoy
South Ronaldshay
Wick
Thurso
Scrabster
Lybster
Latheron
Dunbeath
Berriedale
Helmsdale
Golspie
Brora
Dornoch
Tain
Tarbat Ness
Cromarty
Fortrose
Chanonry Pt
Inverness
Nairn
Forres
Elgin
Lossiemouth
Burghead
Banff
Macduff
Fraserburgh
Peterhead
Buchan Ness
Rattray Hd
Aberdeen
Girdle Ness
Collieston
Old Aberdeen
Stonehaven
Montrose
Arbroath
Carnoustie
Buddon Ness
Forfar
Dundee
Broughty Ferry
St Andrews
St Andrews Bay
Kingsbarns
Fife Ness
Crail
Anstruther
Elie
Leven
Largo
Kirkcaldy
Burntisland
Inverkeithing
Queensferry
Firth of Forth
Firth of Tay
Firth of Dornoch
Moray Firth
Cromarty Firth
Beauly Firth
Kyle of Sutherland
Kyle of Tongue
Loch Eriboll
Loch Inchard
Loch Laxford
Loch Stack
Loch Naver
Loch Shin
Loch Fleet
Loch Brora
Loch Ussie
Loch Migdale
Loch Buidhe
Loch Fleet
Loch Evelix
Loch Mahaick
Loch Glass
Loch Ness
Loch Oich
Loch Lochy
Loch Arkaig
Loch Eil
Loch Linnhe
Loch Leven
Loch Creran
Loch Etive
Loch Awe
Loch Fyne
Loch Tay
Loch Rannoch
Loch Lomond
Loch Katrine
Loch Earn
Loch Leven
Loch Maree
Loch Broom
Loch Torridon
Loch Carron
Loch Alsh
Loch Duich
Loch Hourn
Loch Nevis
Loch Morar
Loch Shiel
Loch Sunart

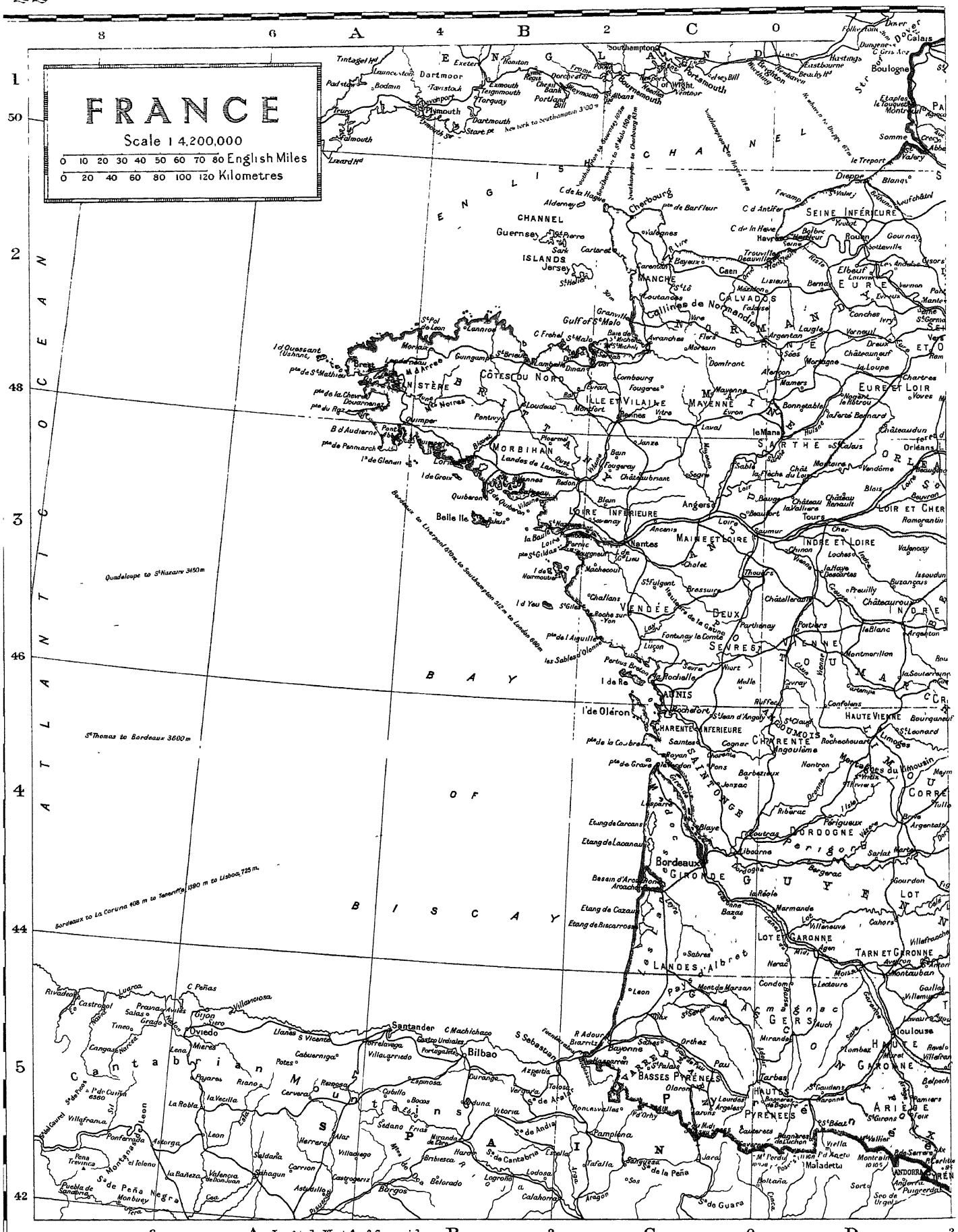


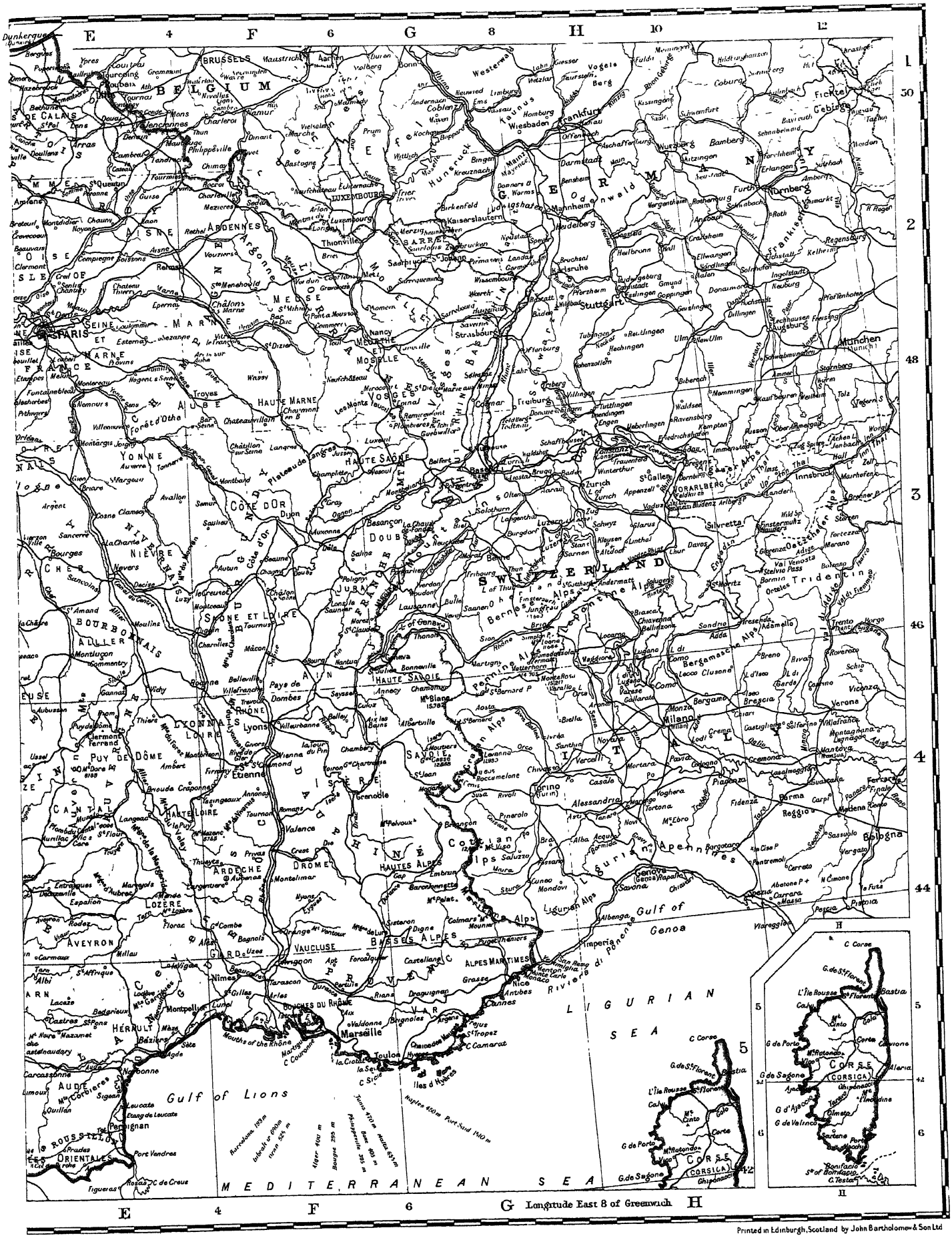
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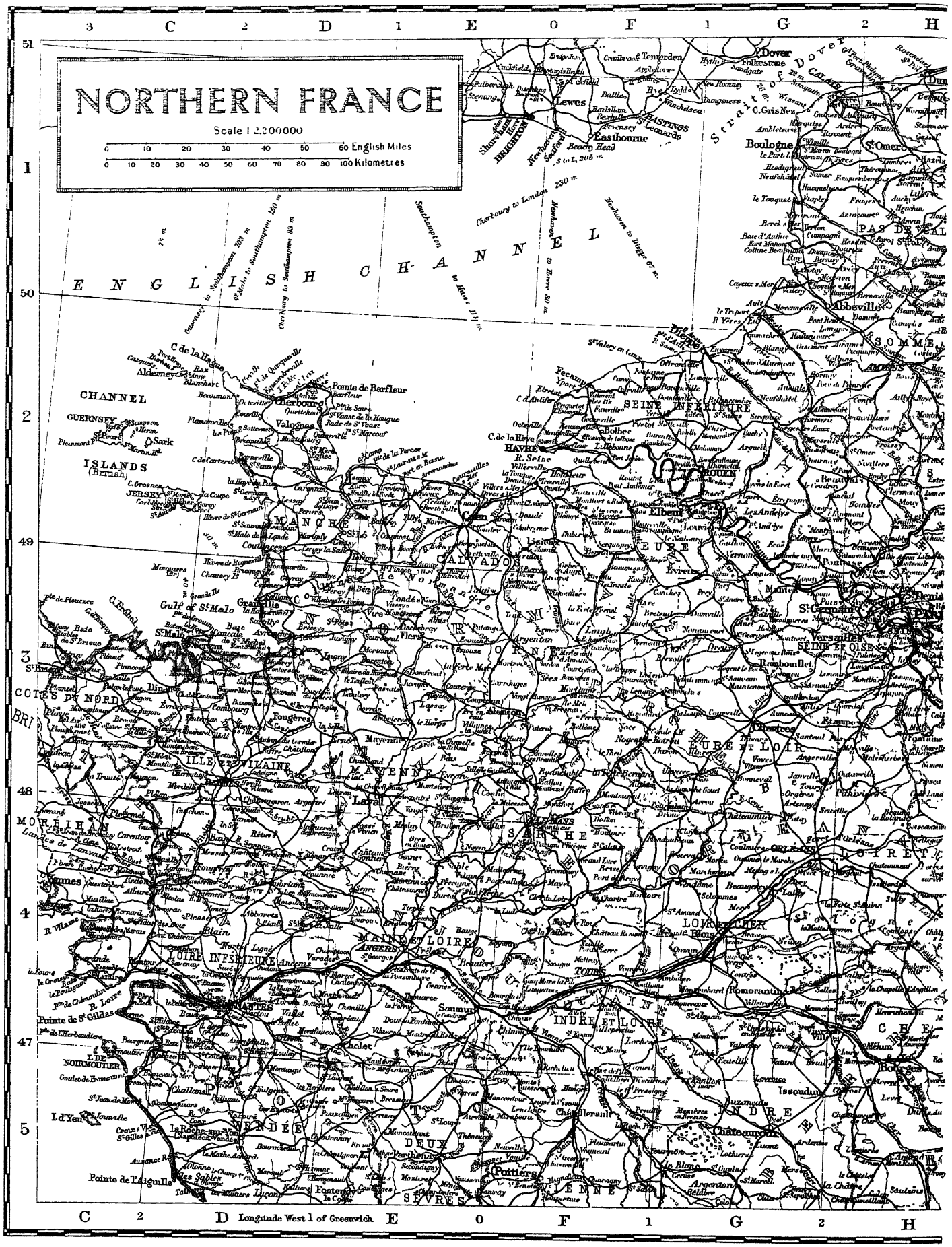

IRELAND
Scale 1:1,600000
0 5 10 20 30 English Miles
0 10 20 30 40 50 Kilometres
A 10 B 9 C. 8 D 7 E 6 F
1 55 2 54 3 53
NORTH CHANNEL
IRISH SEA
ATLANTIC OCEAN
Arran
Kintyre
Mull of Kintyre
Sanda
Rathlin I.
Inishowen Pt.
Malin Hd.
Malin
Trawbreaga B.
Glengad Hd.
Lough Foyle
Derry
Londonderry
Coleraine
Bengore Hd.
Portrush
Giants Causeway
Ballycastle
Larne
Cushendun
Red Bay
Garron Pt.
Carnlough
Glenarm
Maiden I. Lt. Ho.
Port Patrick
Larne Lough
Island Magee
Belfast Lough
Copeland I.
Donaghadee
Newtownards
Belfast
Lough Neagh
Lough Erne
Donegal Bay
Sligo Bay
Sligo
Killala B.
Broadhaven
Benwee Hd.
Downpatrick Hd.
Eagle I. Lt. Ho.
Inishkea N. and S.
Blacksod Bay
Achill Hd.
Achill
Clew Bay
Westport
Clare I.
Inishturk
Bills of Achill
Slyne Hd.
Bertraghboy B.
Mannin B.
Streamstown B.
High I.
Inishbofin
Inishshark
Killeiergh B.
Galway
Galway Bay
North Sound
Aran Islands
Inishmore
Inishmaan
Inisheer
Black Hd.
Kinvarra
Ballyvaghan
Lisdoonvarna
Cliffs of Moher
Hags Hd.
Liscannor B.
Loop Hd.
Kilkee
Carrigaholt
Tarbert
Ballylongford
Tralee B.
Brandon Hd.
Dingle B.
Blasket Sd.
Valentia I.
Kenmare R.
Bantry B.
Dursey I.
Mizen Hd.
Crookhaven
Roaringwater B.
Cape Clear I.
Fastnet
Old Head of Kinsale
Kinsale
Cork Harbour
Youghal B.
Ballycotton
Ballycotton I. Lt. Ho.
Ballymacoda
Dungarvan
Dungarvan B.
Helvick Hd.
Ardmore
Ardmore B.
Youghal
Tramore
Tramore B.
Hook Hd.
Waterford Harbour
Waterford
Dunmore East
Arklow Bank
Arklow
Wicklow
Wicklow Hd.
Kingstown (Dun Laoghaire)
Howth Hd. Lt. Ho.
Howth
Ireland's Eye
Lambay I.
Rockabill Lt. Ho.
Skerries
Balbriggan
Malahide
Swords
Dublin (Baile Atha Cliath)
Kish Lt. V.
Kish Bank
Codling Bank Lt. V.
Arklow Bank Lt. Vessel
Rathlin O'Byrne I. Lt. Ho.
Inishmurray
Streedagh Pt.
Mullaghmore
Bundoran
Ballyshannon
Donegal
Killybegs
Teelin
Slieve League
Carrick
Glencolumbkille
Inishkeel
Inishduff
Inishfree
Arranmore I.
Bloody Foreland
Inishbofin
Gweedore B.
Gweedore
Dawros Hd.
Loughros More B.
Slieve Snaght
Errigal
Horn Hd.
Tory I. Lt. Ho.
Malinmore Hd.
Rathlin O'Byrne I. Lt. Ho.
St John's Lt. Ho.
Arranmore I.
Trawenagh B.
Gweebarra B.
Glenties
Ballyshannon
Belleek
Lough Erne
Enniskillen
Lough Melvin
Inishmurray
Inishmore
Inishmaan
Inisheer
Aran Islands
North Sound
Galway Bay
Black Hd.
Kinvarra
Ballyvaghan
Lisdoonvarna
Cliffs of Moher
Hags Hd.
Liscannor B.
Loop Hd.
Kilkee
Carrigaholt
Tarbert
Ballylongford
Tralee B.
Brandon Hd.
Dingle B.
Blasket Sd.
Valentia I.
Kenmare R.
Bantry B.
Dursey I.
Mizen Hd.
Crookhaven
Roaringwater B.
Cape Clear I.
Fastnet
Old Head of Kinsale
Kinsale
Cork Harbour
Youghal B.
Ballycotton
Ballycotton I. Lt. Ho.
Ballymacoda
Dungarvan
Dungarvan B.
Helvick Hd.
Ardmore
Ardmore B.
Youghal
Tramore
Tramore B.
Hook Hd.
Waterford Harbour
Waterford
Dunmore East
Arklow Bank
Arklow
Wicklow
Wicklow Hd.
Kingstown (Dun Laoghaire)
Howth Hd. Lt. Ho.
Howth
Ireland's Eye
Lambay I.
Rockabill Lt. Ho.
Skerries
Balbriggan
Malahide
Swords
Dublin (Baile Atha Cliath)
Kish Lt. V.
Kish Bank
Codling Bank Lt. V.
Arklow Bank Lt. Vessel
NORTHERN IRELAND
ULSTER
CONNAUGHT
LEINSTER
TYRONE
DONEGAL
LONDONDERRY
TIRCONAILL
ANTRIM
DOWN
ARMAGH
FERMANAGH
MONAGHAN
CAVAN
LOUTH
MEATH
WEST MEATH
LONGFORD
ROSCOMMON
SLIGO
LEITRIM
MAYO
GALWAY
OFFALY
KILDARE
DUBLIN
WICKLOW
KING'S
QUEEN'S
CARLOW
WEXFORD
WATERFORD
TIPPERARY
CLARE
LIMERICK
KERRY
CORK
Lough Derg
Shannon
Slieve Bloom Mts
Mountrath
Portarlington
Maryborough
Birr or Parsonstown
Roscrea
Nenagh
Thurles
Cashel
Tipperary
Clonmel
Carrick-on-Suir
Kilkenny
Castlecomer
Abbeyleix
Ballinakill
Ballybrittas
Athy
Carlow
Tullamore
Philipstown
Edenderry
Kilcock
Celbridge
Clane
Naas
Kilcullen
Prosperous
Tallaght
Rathfarnham
Dalkey
Bray (Brí Chualann)
Greystones
Kilcoole
Newtownmountkennedy
Wicklow
Rathdrum
Arklow
Gorey
Enniscorthy
Wexford
Rosslare
Rosslare Pt.
Tuskar Rock
Tuskar Rock Lt. Ho.
Carnsore Pt.
Hook Hd.
Waterford Harbour
Dunmore East
Tramore
Tramore B.
Youghal
Youghal B.
Ballycotton
Ballycotton I. Lt. Ho.
Ballymacoda
Cork Harbour
Old Head of Kinsale
Kinsale
Fastnet
Roaringwater B.
Cape Clear I.
Mizen Hd.
Crookhaven
Bantry B.
Dursey I.
Kenmare R.
Valentia I.
Dingle B.
Brandon Hd.
Tralee B.
Ballylongford
Tarbert
Carrigaholt
Kilkee
Loop Hd.
Liscannor B.
Hags Hd.
Cliffs of Moher
Lisdoonvarna
Ballyvaghan
Kinvarra
Black Hd.
Galway Bay
North Sound
Aran Islands
Inishmore
Inishmaan
Inisheer
Lough Corrib
Lough Mask
Lough Carra
Lough Conn
Lough Gara
Lough Arrow
Lough Key
Lough Gill
Lough Melvin
Lough Erne
Lough Derg
Lough Ree
Lough Sheelin
Lough Owel
Lough Ennell
Lough Derravaragh
Lough Lene
Lough Iron
Lough Ramor
Lough Sillan
Lough Gowna
Lough Kinale
Lough Forbes
Lough Boderg
Lough Allen
Lough Arrigal
Lough Scur
Lough Rinn
Lough Meelagh
Lough Funshinagh
Lough Glinn
Lough Bofin
Lough Nafooey
Lough Inagh
Lough Fee
Lough Derg
Lough Muckanagh
Lough Gealain
Lough Doo
Lough Bunny
Lough Cutra
Lough Coy
Lough Atalia
Lough Corrib
Lough Mask
Lough Carra
Lough Conn
Lough Gara
Lough Arrow
Lough Key
Lough Gill
Lough Melvin
Lough Erne
Lough Derg
Lough Ree
Lough Sheelin
Lough Owel
Lough Ennell
Lough Derravaragh
Lough Lene
Lough Iron
Lough Ramor
Lough Sillan
Lough Gowna
Lough Kinale
Lough Forbes
Lough Boderg
Lough Allen
Lough Arrigal
Lough Scur
Lough Rinn
Lough Meelagh
Lough Funshinagh
Lough Glinn
Lough Bofin
Lough Nafooey
Lough Inagh
Lough Fee
Lough Derg
Lough Muckanagh
Lough Gealain
Lough Doo
Lough Bunny
Lough Cutra
Lough Coy
Lough Atalia

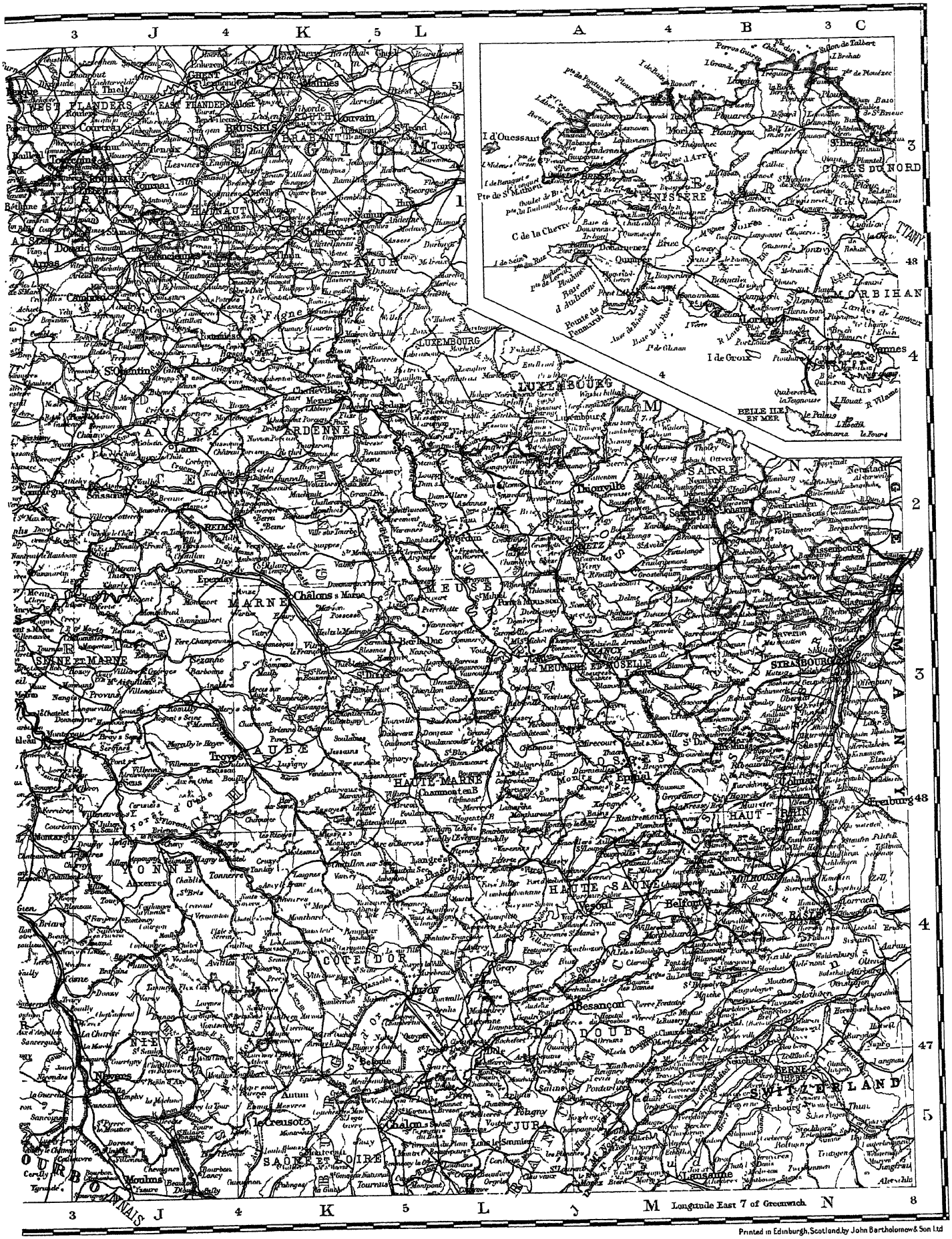


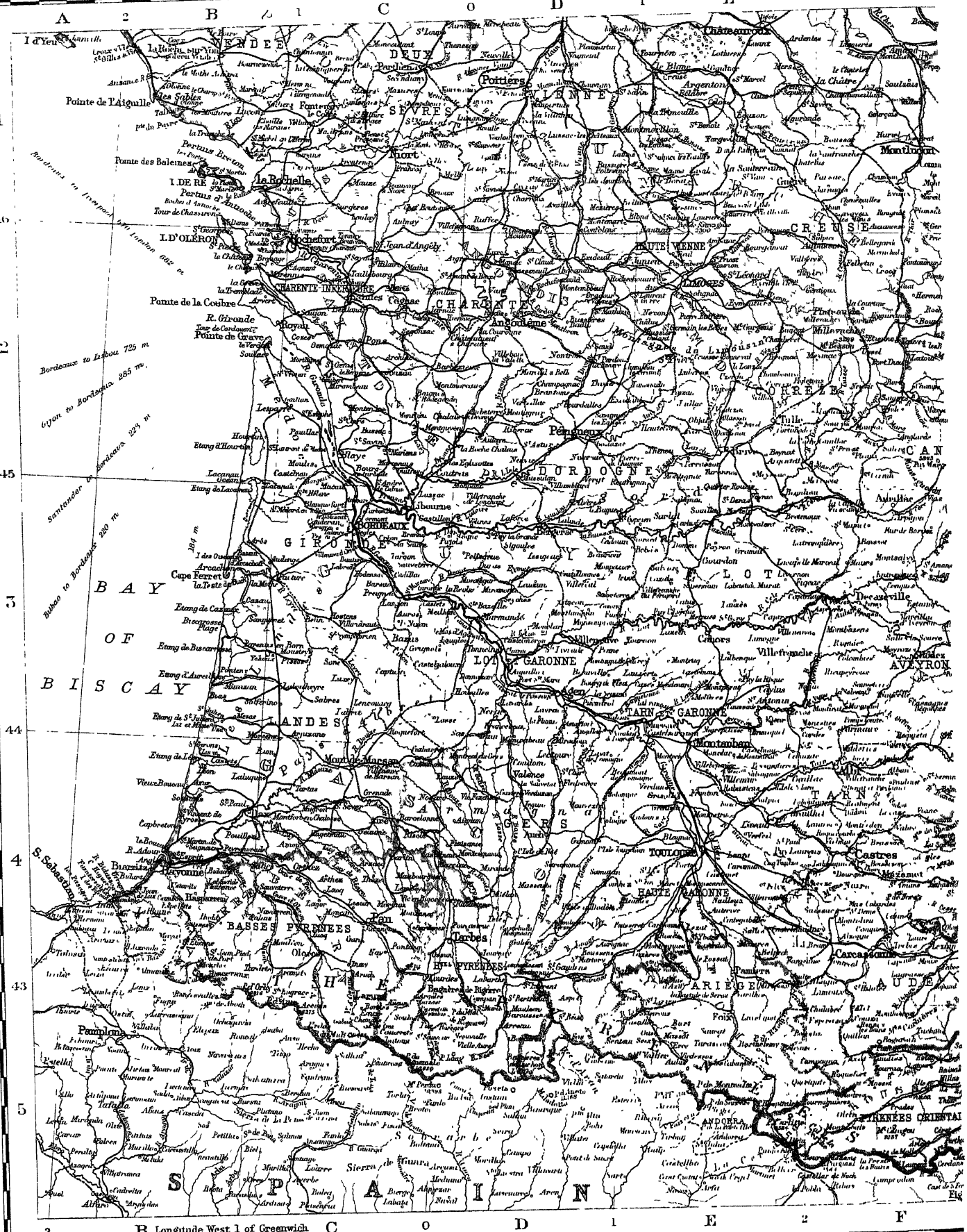
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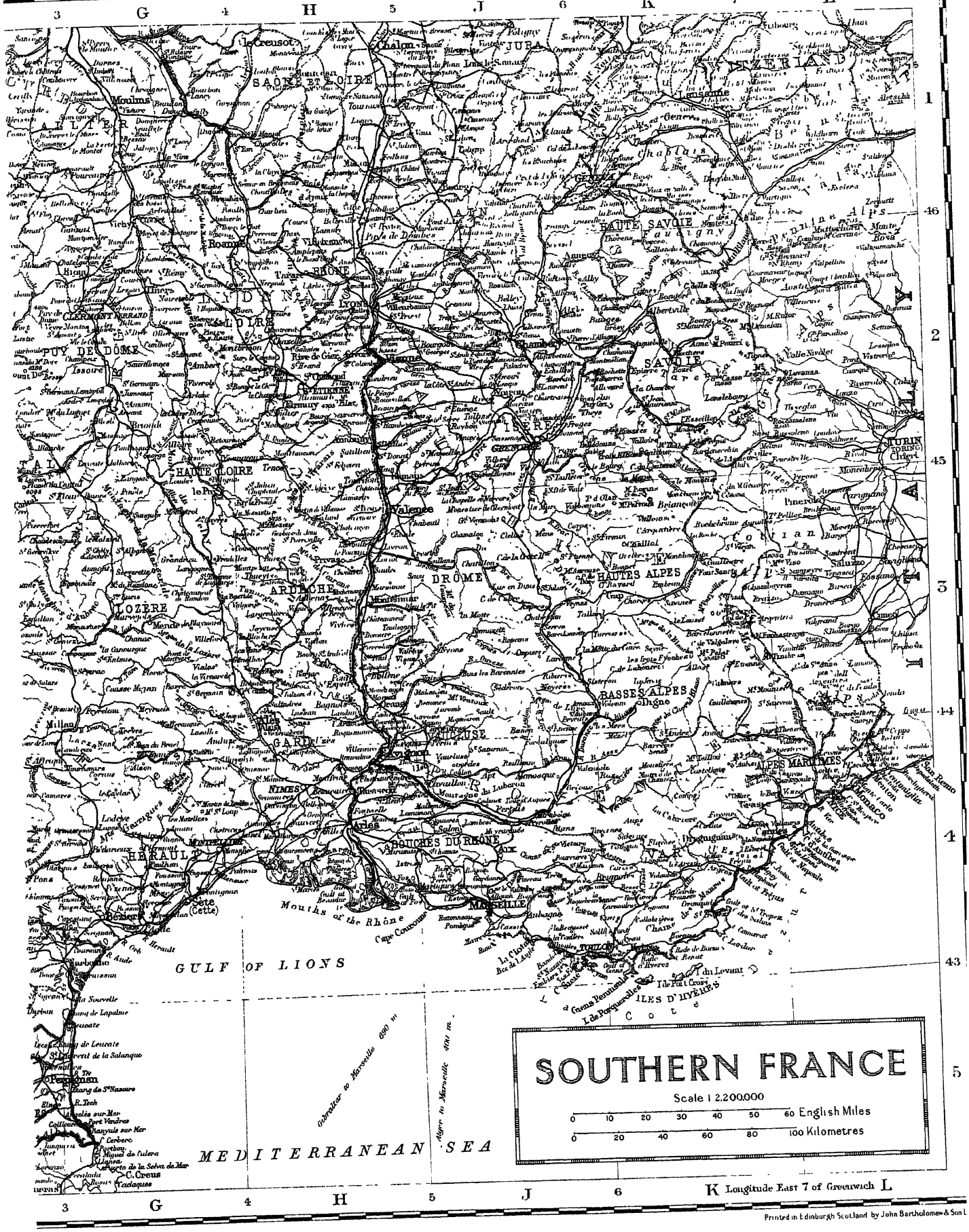

FRANCE
Scale 1 4,200,000
0 10 20 30 40 50 60 70 80 English Miles
0 20 40 60 80 100 120 Kilometres
ENGLISH CHANNEL
CHANNEL ISLANDS
Guernsey
Jersey
Alderney
Sark
Dover
Calais
Boulogne
Dieppe
Le Treport
Somme
Cherbourg
Caen
Rouen
Le Havre
Seine Inférieure
Eure
Calvados
Manche
Orne
Mayenne
Sarthe
Eure et Loir
Loir et Cher
Indre et Loire
Loiret
Le Mans
Laval
Alençon
Chartres
Orléans
Tours
Blois
Vendôme
Angers
Nantes
Loire Inférieure
Maine et Loire
Côtes du Nord
Finistère
Ille et Vilaine
Morbihan
Brest
Quimper
Lorient
Vannes
Rennes
St Malo
St Brieuc
Dinan
Fougères
Redon
Belle Ile
Quiberon
Penmarch
Ushant
Gulf of St Malo
Bay of Biscay
Vendée
Deux Sèvres
Vienne
Haute Vienne
Charente
Charente Inférieure
Poitiers
Châtellerault
Niort
La Rochelle
Rochefort
Angoulême
Limoges
Périgueux
Dordogne
Bordeaux
Gironde
Lot
Lot et Garonne
Tarn et Garonne
Landes
Basses Pyrénées
Hautes Pyrénées
Gers
Haute Garonne
Ariège
Aude
Pau
Bayonne
Biarritz
Toulouse
Auch
Montauban
Agen
Mont de Marsan
Dax
Tarbes
Lourdes
Foix
Carcassonne
Pamiers
Andorra
Pyrenees
Santander
Bilbao
Oviedo
Gijon
Cantabrian Mountains
Asturias
Leon
Burgos
Pamplona
Vitoria
Logroño
Zaragoza
Aragon
Navarre
Basque Provinces
Old Castile
Estremadura
Galicia
Lugo
Coruña
Ferrol
Vigo
Orense
Zamora
Salamanca
Valladolid
Palencia
Soria
Guadalajara
Madrid
Segovia
Avila
Toledo
Ciudad Real
Cuenca
Albacete
Murcia
Alicante
Valencia
Teruel
Tarragona
Barcelona
Lerida
Gerona
Huesca
Jaca
Sierra de Guara
Sierra de Gredos
Sierra de Guadarrama
Sierra Morena
Sierra Nevada
Sierra de Cuenca
Sierra de Albarracin
Sierra de Alcaraz
Sierra de Segura
Sierra de Cazorla
Sierra de Alcaraz
Sierra de Moncayo
Sierra de Urbion
Sierra de Cebollera
Sierra de Demanda
Sierra de Cantabria
Sierra de Andia
Sierra de Aralar
Sierra de Aitzgorri
Sierra de Aizkorri
Sierra de Gorbea
Sierra de Salvada
Sierra de Ordunte
Sierra de Peña Negra
Sierra de Peña
Sierra de Monchique
Sierra de Caldeirão
Sierra de Estrella
Sierra de Gata
Sierra de Francia
Sierra de Bejar
Sierra de Guadalupe
Sierra de Montanchez
Sierra de Alcaraz
Sierra de Segura
Sierra de Cazorla
Sierra de Alcaraz
Sierra de Moncayo
Sierra de Urbion
Sierra de Cebollera
Sierra de Demanda
Sierra de Cantabria
Sierra de Andia
Sierra de Aralar
Sierra de Aitzgorri
Sierra de Aizkorri
Sierra de Gorbea
Sierra de Salvada
Sierra de Ordunte
Sierra de Peña Negra
Sierra de Peña
Sierra de Monchique
Sierra de Caldeirão
Sierra de Estrella
Sierra de Gata
Sierra de Francia
Sierra de Bejar
Sierra de Guadalupe
Sierra de Montanchez
Longitude West 4 of Greenwich
A
B
C
D
1
2
3
4
5
6
42
44
46
48
50

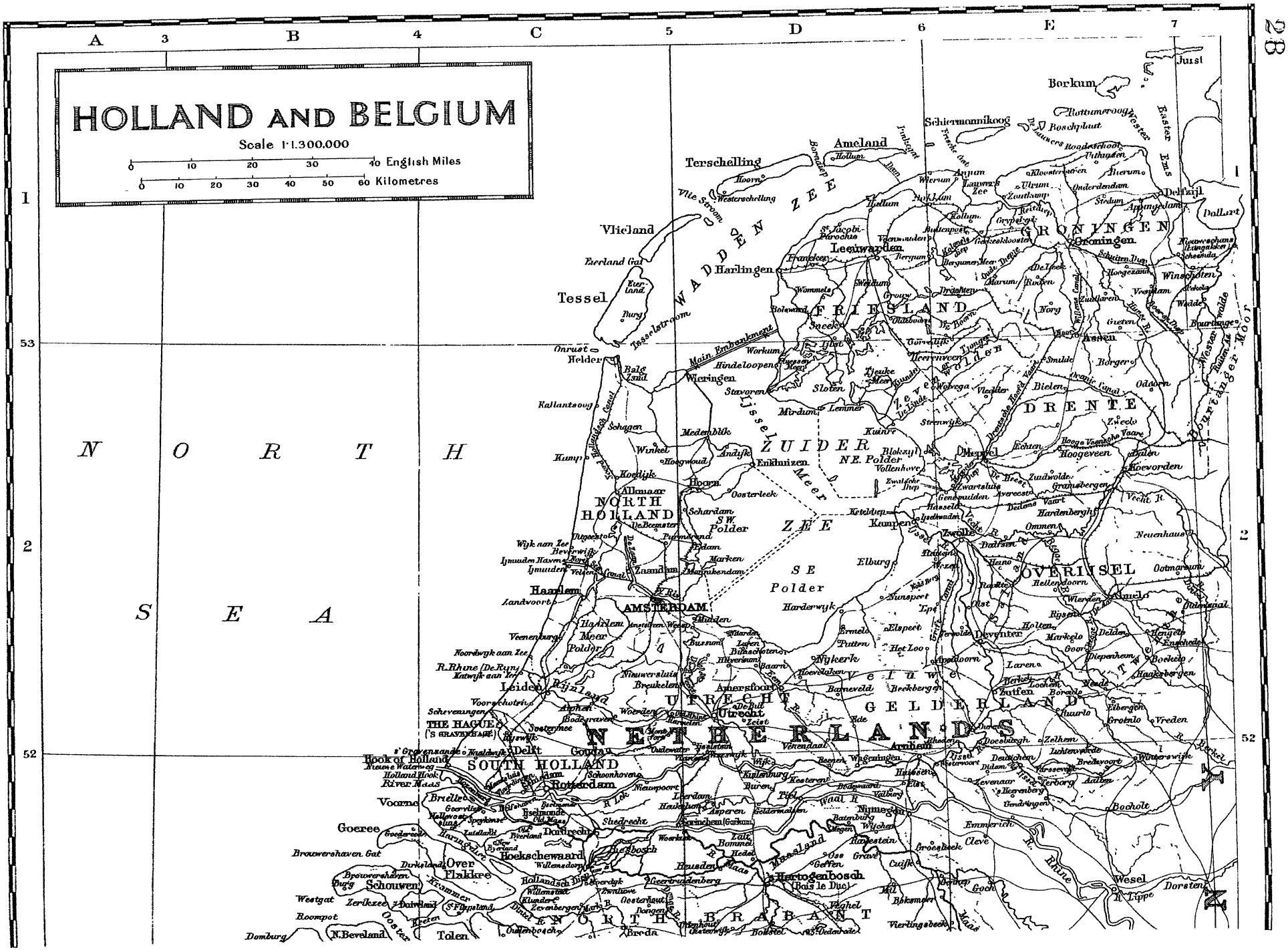

E 4 F 6 G 8 H 10 12
1
30
2
48
3
46
4
44
5
42
6
Dunkerque
BELGIUM
BRUSSELS
Aachen
Bonn
Coblenz
Frankfurt
Wiesbaden
Mannheim
Heidelberg
Stuttgart
Nürnberg
München
Ulm
Augsburg
Regensburg
Ingolstadt
Passau
Innsbruck
Bregenz
St Gallen
Zürich
Basel
Strasbourg
Metz
Nancy
Luxembourg
Trier
Koblenz
Mainz
Kaiserslautern
Karlsruhe
Freiburg
Colmar
Mulhouse
Besançon
Dijon
Troyes
Reims
Sedan
Charleroi
Namur
Liège
Lille
Roubaix
Tourcoing
Arras
Amiens
Cambrai
Valenciennes
Mons
Maubeuge
Laon
Soissons
Compiègne
Beauvais
Rouen
Le Havre
PARIS
Versailles
Fontainebleau
Melun
Orléans
Tours
Bourges
Nevers
Auxerre
Sens
Provins
Meaux
Châlons
Verdun
Thionville
Sarrebruck
Saarlouis
Zweibrücken
Landau
Speyer
Worms
Darmstadt
Aschaffenburg
Würzburg
Bamberg
Bayreuth
Hof
Fürth
Erlangen
Ansbach
Rothenburg
Crailsheim
Aalen
Ellwangen
Heilbronn
Heidenheim
Göppingen
Esslingen
Tübingen
Reutlingen
Ulm
Memmingen
Kempten
Lindau
Bregenz
Feldkirch
Bludenz
Arlberg
Landeck
Innsbruck
Kufstein
Salzburg
Linz
Passau
Regensburg
Ingolstadt
Donauwörth
Augsburg
Landshut
Freising
Rosenheim
Garmisch
Partenkirchen
Füssen
Kempten
Ravensburg
Friedrichshafen
Konstanz
Schaffhausen
Winterthur
Zürich
Luzern
Interlaken
Brig
Sion
Martigny
Montreux
Lausanne
Fribourg
Bern
Thun
Basel
Delémont
Porrentruy
Belfort
Vesoul
Gray
Dijon
Beaune
Chalon
Mâcon
Bourg
Nantua
Annecy
Chambéry
Aix les Bains
Albertville
St Jean de Maurienne
Modane
Briançon
Gap
Digne
Nice
Antibes
Cannes
Grasse
Draguignan
Toulon
Marseille
Aix
Arles
Nîmes
Montpellier
Béziers
Agde
Sète
Narbonne
Carcassonne
Perpignan
Port Vendres
Cerbère
Figueras
Rosas
Barcelona
Tarragona
Tortosa
Castellón de la Plana
Valencia
Alicante
Cartagena
Almería
Málaga
Gibraltar
Algeciras
Tarifa
Tangier
Ceuta
Tetuan
Melilla
Oran
Algiers
Bougie
Philippeville
Bone
Tunis
Bizerta
Malta
Valletta
Syracuse
Catania
Messina
Palermo
Trapani
Marsala
Pantelleria
Lampedusa
Tripoli
Benghazi
Tobruk
Alexandria
Port Said
Suez
Cairo
Aswan
Luxor
Khartoum
Addis Ababa
Asmara
Massawa
Port Sudan
Jeddah
Mecca
Medina
Riyadh
Dhahran
Kuwait
Basra
Baghdad
Mosul
Aleppo
Damascus
Beirut
Haifa
Jerusalem
Amman
Aqaba
Tel Aviv
Gaza
Rafah
Sinai
Nile
Red Sea
Persian Gulf
Gulf of Aden
Gulf of Oman
Gulf of Suez
Gulf of Aqaba
Gulf of Sirte
Gulf of Tunis
Gulf of Hammamet
Gulf of Gabès
Gulf of Bougie
Gulf of Philippeville
Gulf of Bone
Gulf of Tunis
Gulf of Sirte
Gulf of Lions
Gulf of Genoa
Gulf of Venice
Gulf of Trieste
Gulf of Fiume
Gulf of Quarnero
Gulf of Kvarner
Gulf of Zara
Gulf of Sebenico
Gulf of Spalato
Gulf of Ragusa
Gulf of Cattaro
Gulf of Durazzo
Gulf of Valona
Gulf of Corinth
Gulf of Patras
Gulf of Lepanto
Gulf of Athens
Gulf of Salonika
Gulf of Volo
Gulf of Euboea
Gulf of Chalcis
Gulf of Smyrna
Gulf of Adramyti
Gulf of Edremit
Gulf of Saros
Gulf of Xeros
Gulf of Volo
Gulf of Pagasae
Gulf of Lamia
Gulf of Patras
Gulf of Corinth

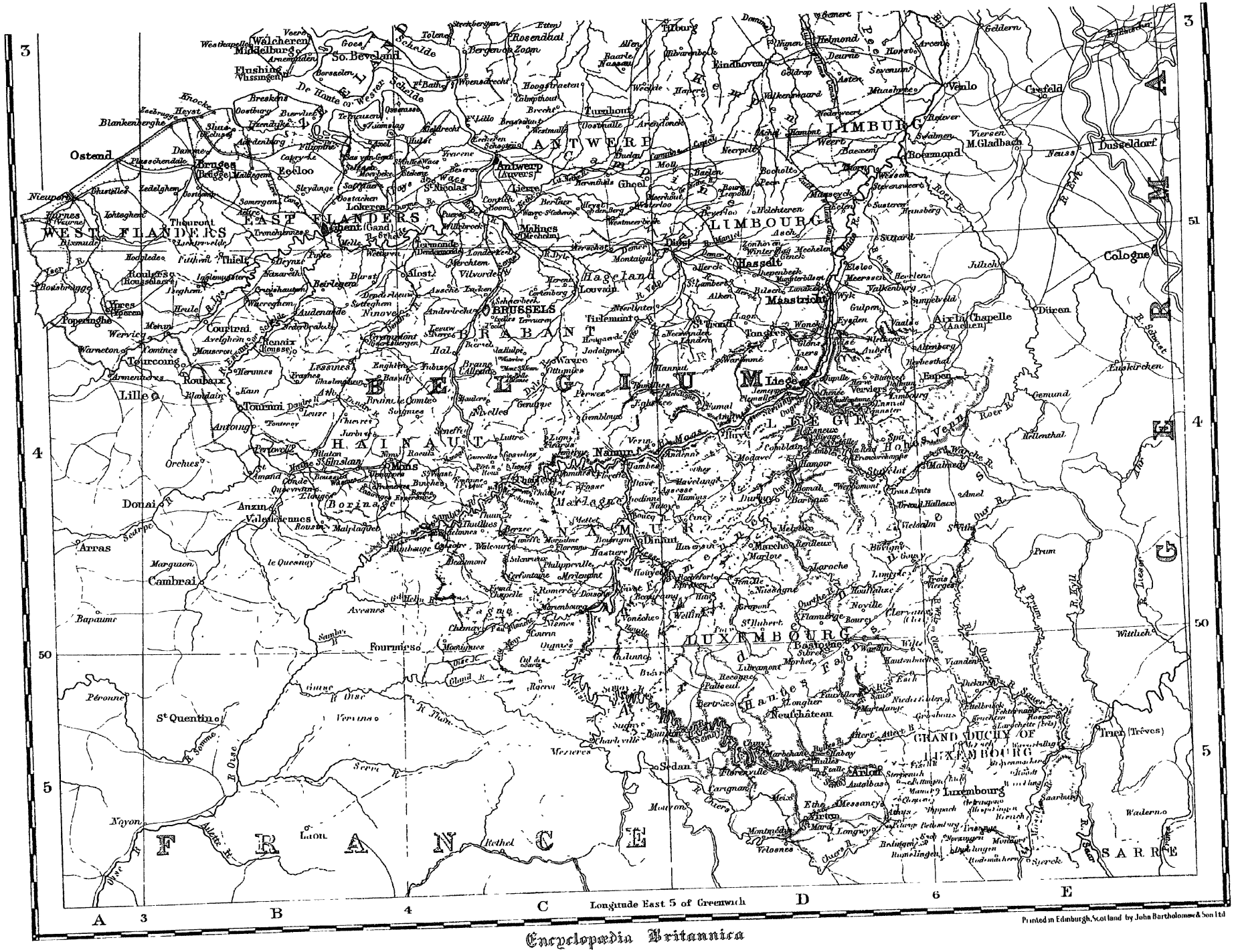

NORTHERN FRANCE
Scale 1:2,200000
0 10 20 30 40 50 60 English Miles
0 10 20 30 40 50 60 70 80 90 100 Kilometres
ENGLISH CHANNEL
Cherbourg to London 230 m.
Southampton to Havre 111 m.
Havre to Dieppe 67 m.
Dover
Calais
Boulogne
Eastbourne
Hastings
Brighton
Lewes
Abbeville
Amiens
Cherbourg
Pointe de Barfleur
Alderney
Guernsey
Sark
Jersey
Channel Islands (British)
Le Havre
Rouen
Caen
Evreux
Versailles
Rambouillet
Chartres
Le Mans
Laval
Angers
Nantes
Tours
Orléans
Blois
Vendôme
Poitiers
Châteauroux
Issoudun
Bourges
Gulf of St Malo
St Malo
Dinan
Fougères
Vitré
Rennes
Pointe de St Gildas
Pointe de l'Aiguille
Lorient
Vannes
Quiberon
Belle Isle
Ile d'Yeu
Noirmoutier
Les Sables d'Olonne
Fontenay le Comte
Luçon
Niort
Parthenay
Thouars
Saumur
Chinon
Loches
Romorantin
Montargis
Gien
Pithiviers
Etampes
Dreux
Evreux
Lisieux
Vire
Granville
Coutances
St Lô
Mortain
Argentan
Falaise
Pont Audemer
Pont l'Evêque
Honfleur
Trouville
Deauville
Fécamp
Yvetot
Dieppe
St Valery en Caux
Le Tréport
Eu
Montreuil
Hesdin
Boulogne
Calais
Gris Nez
Wissant
Marquise
Ambleteuse
Le Touquet
Etaples
Berck
Montreuil
Hesdin
Frévent
Doullens
Albert
Péronne
Roye
Montdidier
Compiègne
Senlis
Pontoise
Mantes
Meulan
Poissy
St Germain en Laye
Paris
Meaux
Coulommiers
Provins
Nogent le Rotrou
Dreux
Mortagne
Alençon
Sées
Argentan
Falaise
Caen
Bayeux
Carentan
Valognes
Cherbourg
Flamanville
Barfleur
Quettehou
St Vaast la Hougue
Montebourg
Ste Mère Eglise
Pont l'Abbé
Barneville
Coutances
Granville
Avranches
Pontorson
Mont St Michel
Dol
St Malo
Dinard
St Brieuc
Lamballe
Dinan
Fougères
Vitré
Rennes
Redon
Vannes
Auray
Quiberon
Belle Isle
Lorient
Pontivy
Loudéac
Guingamp
Lannion
Morlaix
Roscoff
Brest
Quimper
Douarnenez
Audierne
Pont l'Abbé
Concarneau
Quimperlé
Hennebont
Carhaix
Châteaulin
Landerneau
Brest
Lesneven
Plouescat
Roscoff
St Pol de Léon
Morlaix
Lannion
Perros Guirec
Tréguier
Paimpol
Pontrieux
Guingamp
Loudéac
Pontivy
Rochefort en Terre
Ploermel
Josselin
Malestroit
Redon
Châteaubriant
Ancenis
Clisson
Nantes
Pornic
Paimbœuf
Pornichet
Guérande
Le Croisic
Batz
Le Pouliguen
Le Croisic
Pointe de St Gildas
Pornic
Machecoul
Challans
Les Sables d'Olonne
Talmont
Luçon
Fontenay le Comte
Niort
Parthenay
Thouars
Saumur
Chinon
Loches
Tours
Amboise
Blois
Vendôme
Châteaudun
Chartres
Dreux
Nogent le Rotrou
Mortagne
Alençon
Sées
Argentan
Falaise
Caen
Bayeux
Carentan
Valognes
Cherbourg
Longitude West 1 of Greenwich


3 J 4 K 5 L A 4 B 3 C
WEST FLANDERS
EAST FLANDERS
BRABANT
HAINAUT
NAMUR
LUXEMBOURG
ARDENNES
AISNE
MARNE
AUBE
HAUTE-MARNE
SEINE-ET-MARNE
YONNE
CÔTE D'OR
NIÈVRE
SAÔNE-ET-LOIRE
JURA
DOUBS
HAUTE-SAÔNE
HAUT-RHIN
BAS-RHIN
MEURTHE-ET-MOSELLE
MEUSE
MOSELLE
SARRE
CÔTES DU NORD
FINISTÈRE
MORBIHAN
I d'Ouessant
I de Groix
BELLE ILE EN MER
Longitude East 7 of Greenwich
Printed in Edinburgh, Scotland, by John Bartholomew & Son Ltd
Britannica

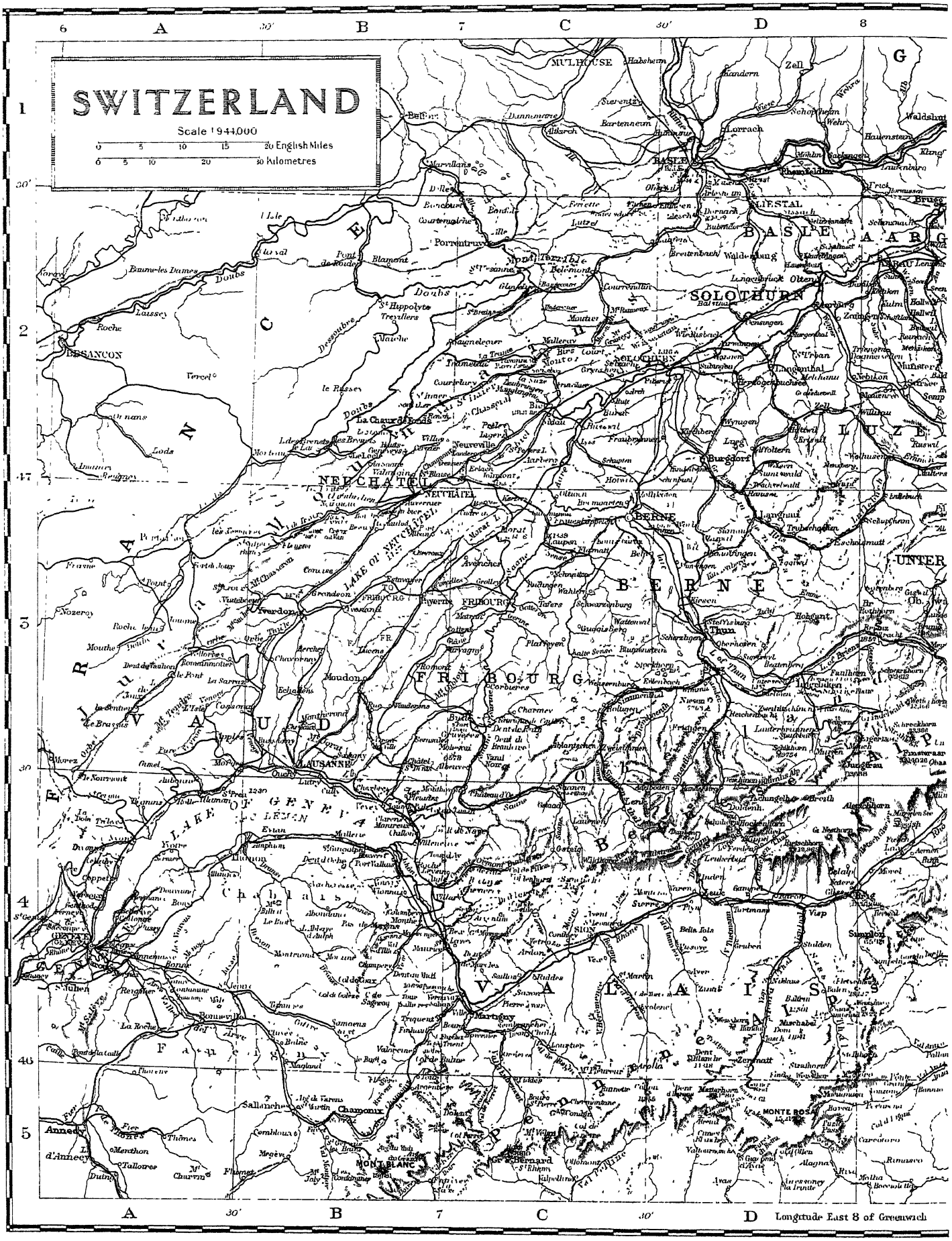

A 2 B 1 C 0 D 1 E 2 F
I d'Yeu
La Roche sur Yon
VENDEE
DEUX SEVRES
Poitiers
VIENNE
Châtellerault
Pointe de l'Aiguille
Les Sables
Fontenay le Comte
Niort
Montmorillon
Montluçon
Pertuis Breton
Pointe des Baleines
I. DE RE
La Rochelle
Pertuis d'Antioche
I. D'OLERON
Rochefort
St Jean d'Angély
HAUTE VIENNE
CREUSE
Limoges
CHARENTE-INFERIEURE
CHARENTE
Pointe de la Coubre
R. Gironde
Pointe de Grave
Angoulême
Bordeaux to Liverpool 632 m.
Bordeaux to Lisbon 725 m.
Lyon to Bordeaux 285 m.
Santander to Bordeaux 224 m.
Bilbao to Bordeaux 220 m.
Périgueux
DORDOGNE
Tulle
CORREZE
Libourne
BORDEAUX
GIRONDE
Cape Ferret
BAY OF BISCAY
LOT ET GARONNE
Villeneuve
Cahors
LOT
Decazeville
AVEYRON
Montauban
TARN ET GARONNE
LANDES
Mont de Marsan
Valence
GERS
Auch
TOULOUSE
Castres
HAUTE GARONNE
Bayonne
S. Sebastian
BASSES PYRENEES
Pau
Tarbes
HTES PYRENEES
ARIEGE
Pamiers
Carcassonne
AUDE
Pamplona
ANDORRA
PYRENEES ORIENTALES
SPAIN
Sierra de Guara
Sierra de Leyre
B Longitude West 1 of Greenwich C 0 D 1 E 2 F


SOUTHERN FRANCE
Scale 1 2,200,000
0 10 20 30 40 50 60 English Miles
0 20 40 60 80 100 Kilometres
GULF OF LIONS
MEDITERRANEAN SEA
Mouths of the Rhône
Cape Couronne
Gibraltar to Marseille 690 m.
Algier to Marseille 411 m.
SAONE ET LOIRE
JURA
HAUTE SAVOIE
SAVOIE
ISERE
RHONE
LOIRE
PUY DE DOME
HAUTE LOIRE
ARDECHE
DROME
HAUTES ALPES
BASSES ALPES
ALPES MARITIMES
VAR
BOUCHES DU RHONE
GARD
HERAULT
LOZERE
AVEYRON
HAUTE GARONNE
ARIEGE
PYRENEES ORIENTALES
AUDE
TARN
TARN ET GARONNE
GERS
LOT ET GARONNE
DORDOGNE
CORSICA
ILES D'HYERES
Longitude East 7 of Greenwich
Printed in Edinburgh Scotland by John Bartholomew & Son L

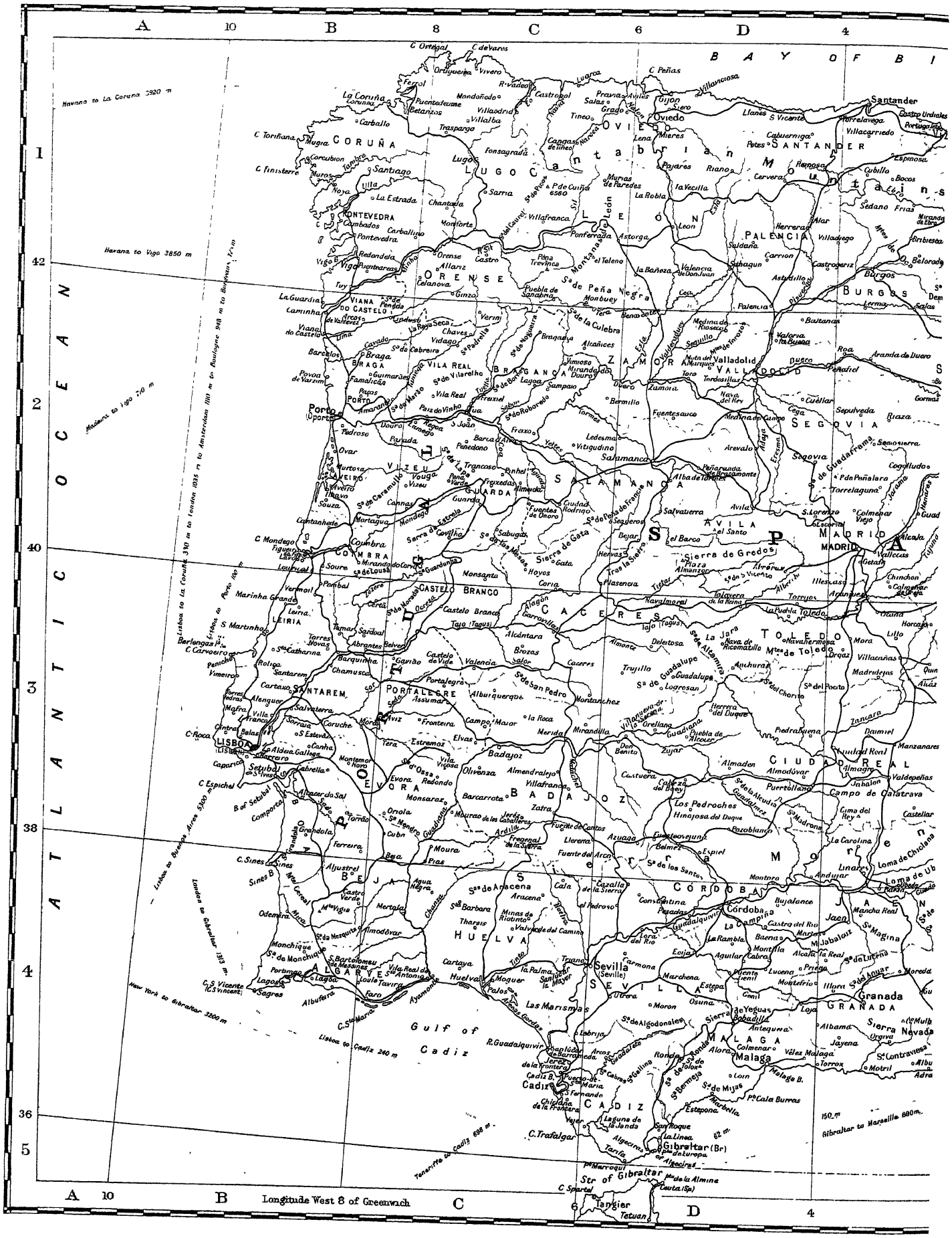

HOLLAND AND BELGIUM
Scale 1:1,300,000
0 10 20 30 40 English Miles
0 10 20 30 40 50 60 Kilometres
A 3 B 4 C 5 D 6 E 7
1 53 2 52
NORTH SEA
WADDEN ZEE
ZUIDER ZEE
IJsselmeer
Ameland
Terschelling
Vlieland
Tessel
Harlingen
Leeuwarden
Dokkum
Juist
Borkum
Schiermonnikoog
Delfzijl
Dollart
GRONINGEN
Groningen
FRIESLAND
DRENTE
Assen
Meppel
Hoogeveen
Coevorden
OVERIJSEL
Zwolle
Kampen
Deventer
Enschede
Almelo
Hengelo
Helder
Den Helder
Wieringen
Alkmaar
NORTH HOLLAND
Hoorn
Enkhuizen
Lemmer
Harlingen
Schagen
Winkel
Andijk
Medemblik
Koelijk
Oosterleek
Schardam
SW Polder
NE. Polder
SE Polder
Zaandam
Haarlem
AMSTERDAM
Amsterdam
Ijmuiden
Velsen
Beverwijk
Wijk aan Zee
Noordwijk aan Zee
Katwijk aan Zee
R. Rhine (De Rijn)
Leiden
Rijnland
Meer Polder
Haarlemmermeer
Amersfoort
UTRECHT
Utrecht
GELDERLAND
Arnhem
Nijkerk
Elburg
Harderwijk
Zutphen
Apeldoorn
Ede
Wageningen
Veluwe
THE HAGUE
('S GRAVENHAGE)
Scheveningen
Delft
Gouda
Rotterdam
SOUTH HOLLAND
Hook of Holland
River Maas
Vlaardingen
Schiedam
Dordrecht
Goeree
Over Flakkee
Hoekschewaard
Brouwershaven
Schouwen
Duiveland
Tholen
Zierikzee
Westgat
Roompot
Oosterschelde
Domburg
N. Beveland
Breda
's Hertogenbosch
(Bois le Duc)
Vught
Boxtel
Eindhoven
Helmond
Veghel
Oss
Grave
Nijmegen
Arnhem
Doesburgh
Zelhem
Doetinchem
Winterswijk
Bocholt
Emmerich
Rhine R.
Wesel
Lippe R.
Dorsten
Ijssel R.
Vecht R.
Overijsel
Twente
Hengelo
Enschede
Almelo
Deventer
Zwolle
Kampen
Meppel
Assen
Coevorden
Hoogeveen
Emmen
Groningen
Leeuwarden
Dokkum
Harlingen
Sneek
Franeker
Bolsward
Workum
Hindeloopen
Stavoren
Sloten
Lemmer
Mirdum
Kuinre
Blokzijl
Vollenhove
Steenwijk
Meppel
Echten
Hoogeveen
Zuidwolde
Gramsbergen
Hasselt
Ommen
Hardenberg
Nieuwehaus
Dalfsen
Heino
Wijhe
Olst
Deventer
Raalte
Hellendoorn
Wierden
Rijssen
Holten
Markelo
Goor
Delden
Hengelo
Enschede
Diepenheim
Boekelo
Haaksbergen
Lochem
Zutfen
Borculo
Winterswijk
Aalten
Terborg
Varsseveld
Doetinchem
Didam
Zevenaar
's Heerenberg
Gendringen
Bocholt
Rees
Emmerich
Cleve
Goch
Kranenburg
Millingen
Nijmegen
Ravenstein
Grave
Oss
Cuijk
Boxmeer
Gennep
Mook
Venlo
Blerick
Tegelen
Helden
Panningen
Horst
Sevenum
Meijel
Deurne
Asten
Someren
Helmond
Deurne
Gemert
Veghel
Uden
Boxtel
Vught
's Hertogenbosch
(Bois le Duc)
Oisterwijk
Tilburg
Waalwijk
Loon op Zand
Geertruidenberg
Dongen
Oosterhout
Breda
Bergen op Zoom
Roosendaal
Steenbergen
Willemstad
Klundert
Zevenbergen
Moerdijk
Dordrecht
Papendrecht
Sliedrecht
Gorinchem
Arkel
Leerdam
Vianen
Culemborg
Tiel
Zaltbommel
Waalwijk
Kaatsheuvel
Rijen
Oosterhout
Breda
Etten
Leur
Princenhage
Ginneken
Bavel
Prinsenbeek
Rijsbergen
Zundert
Wernhout
Hoogerheide
Woensdrecht
Ossendrecht
Putte
Stabroek
Kapellen
Wuustwezel
Loenhout
Hoogstraten
Meer
Merksplas
Turnhout
Oud Turnhout
Gierle
Lille
Poederlee
Beerse
Vlimmeren
Mol
Retie
Dessel
Westerschelling
Oosterschelde
Westgat
Roompot
Veerse Meer
Grevelingen
Haringvliet
Hollandsch Diep
Volkerak
Nieuwe Waterweg
Oude Maas
Nieuwe Maas
Lek R.
Waal R.
Maas R.
Rhine R.
Ijssel R.
Vecht R.
Dollart
Ems R.
Eems Kanaal
Dortmund-Ems Kanaal
Twente Kanaal
Wilhelmina Kanaal
Zuid Willemsvaart
Wessem-Nederweert Kanaal
Juliana Kanaal
Maas-Waal Kanaal
Amsterdam-Rijn Kanaal
Noordzee Kanaal
Merwede Kanaal
Lek Kanaal
Zuid Beveland
Walcheren
Schouwen
Duiveland
Tholen
Noord Beveland
Over Flakkee
Goeree
Voorne
Putten
Texel
Vlieland
Terschelling
Ameland
Schiermonnikoog
Rottumeroog
Rottumerplaat
Boschplaat
Engelsmanplaat
Noorderhaaks
Razende Bol
Vlie Stroom
Borndiep
Inschot
Frederik Gat
Friesche Gat
Pinkegat
Eierland Gat
Marsdiep
Texelstroom
Main Embankment
Helder Zuid Canal
Kallantsoog Canal
Noordhollandsch Canal
Amsterdam-Rijn Canal
Zuid Willemsvaart
Wessem-Nederweert Canal
Juliana Canal
Maas-Waal Canal
Twente Canal
Dortmund-Ems Canal
Eems Kanaal
Wilhelmina Kanaal
Boorne Exmorra
Bourtanger Moor
Hondsrug
Veluwe
Utrechtsche Heuvelrug
Gooi
Het Loo
Soestdijk
Baarn
Hilversum
Bussum
Naarden
Muiden
Weesp
Amstelveen
Aalsmeer
Uithoorn
Mijdrecht
Woerden
Oudewater
Montfoort
Vleuten
Maarssen
Breukelen
Nieuwersluis
Loenen
Abcoude
Ouderkerk
Amstelveen
Haarlemmermeer
Aalsmeer
Uithoorn
Mijdrecht
Woerden
Oudewater
Montfoort
Vleuten
Maarssen
Breukelen
Nieuwersluis
Loenen
Abcoude
Ouderkerk

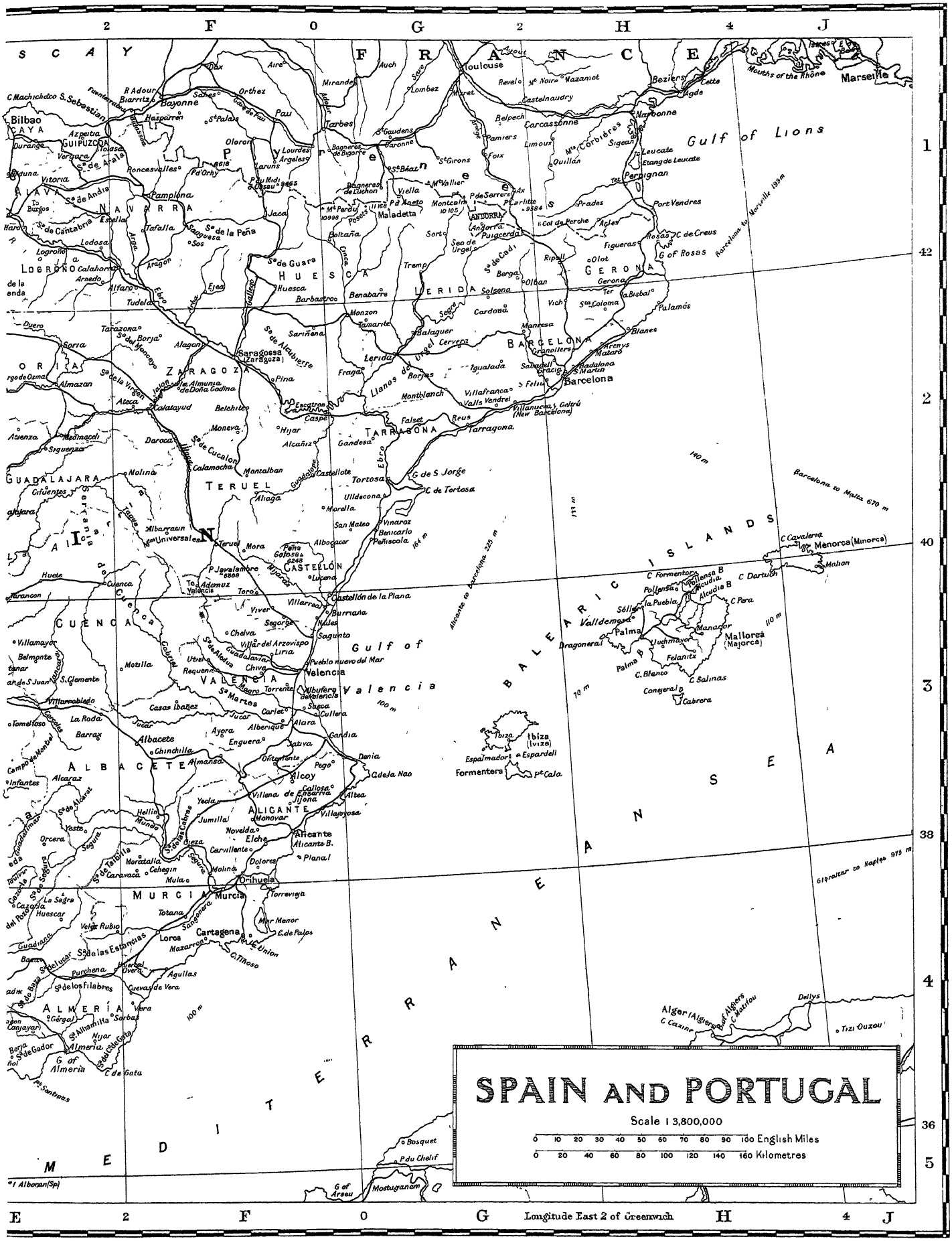


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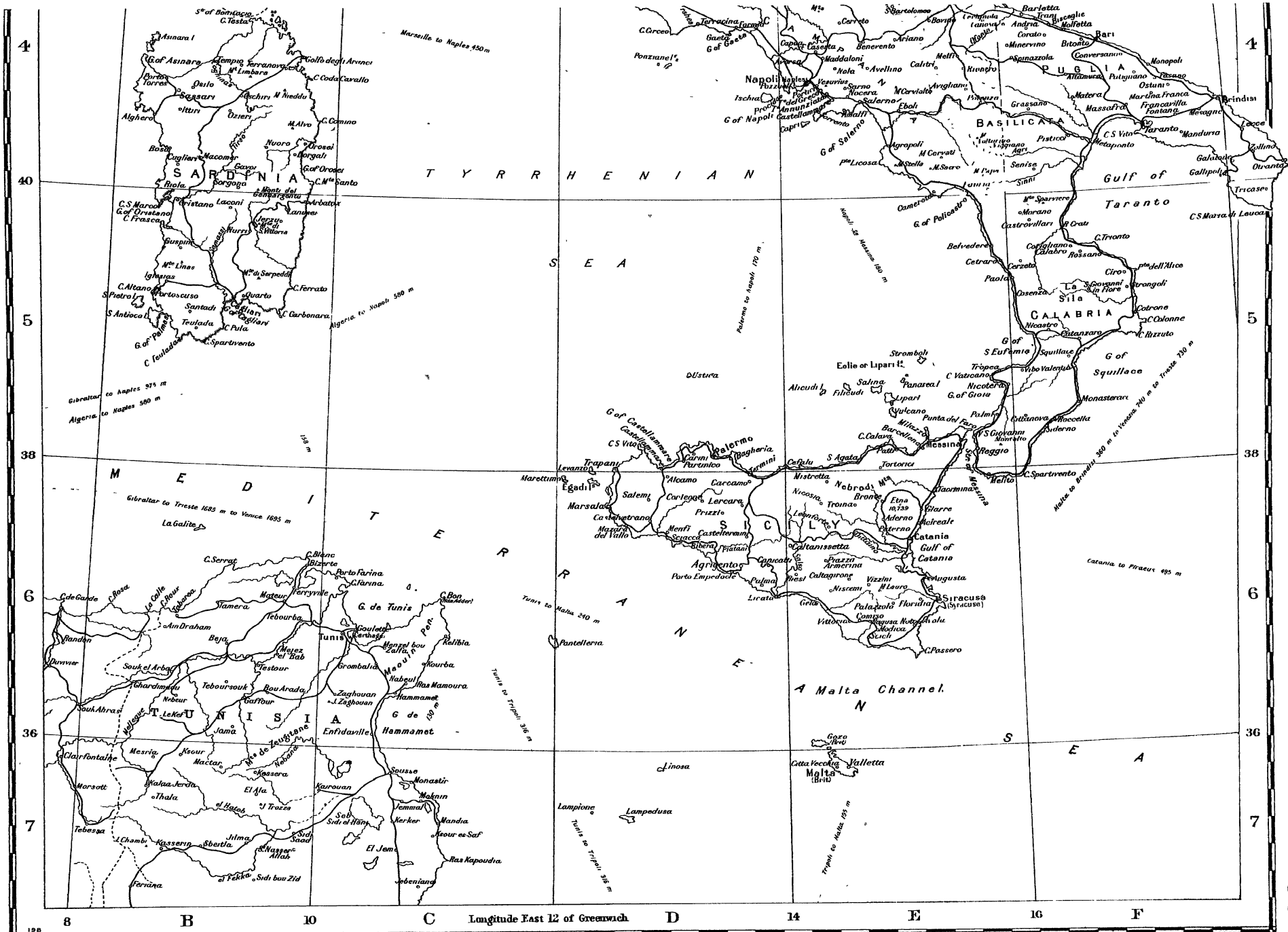

SWITZERLAND
Scale 1:944,000
0 5 10 15 20 English Miles
0 5 10 20 30 Kilometres
6 A 30' B 7 C 30' D 8
1
30'
2
47
3
30
4
46
5
MULHOUSE
Habsheim
Zell
Basel
Lörrach
Waldshut
Liestal
Bruck
Solothurn
Olten
Aarau
Besançon
Neuchâtel
Neuchâtel
Berne
Fribourg
Lausanne
Lake of Neuchâtel
Lake of Geneva
Lac Léman
Thun
Interlaken
Brienz
Sion
Martigny
Chamonix
Mont Blanc
Monte Rosa
Annecy
Jura
Alps
Pennine Alps
Bernese Alps
Valais
Vaud
Fribourg
Berne
Lucerne
Unter
D Longitude East 8 of Greenwich

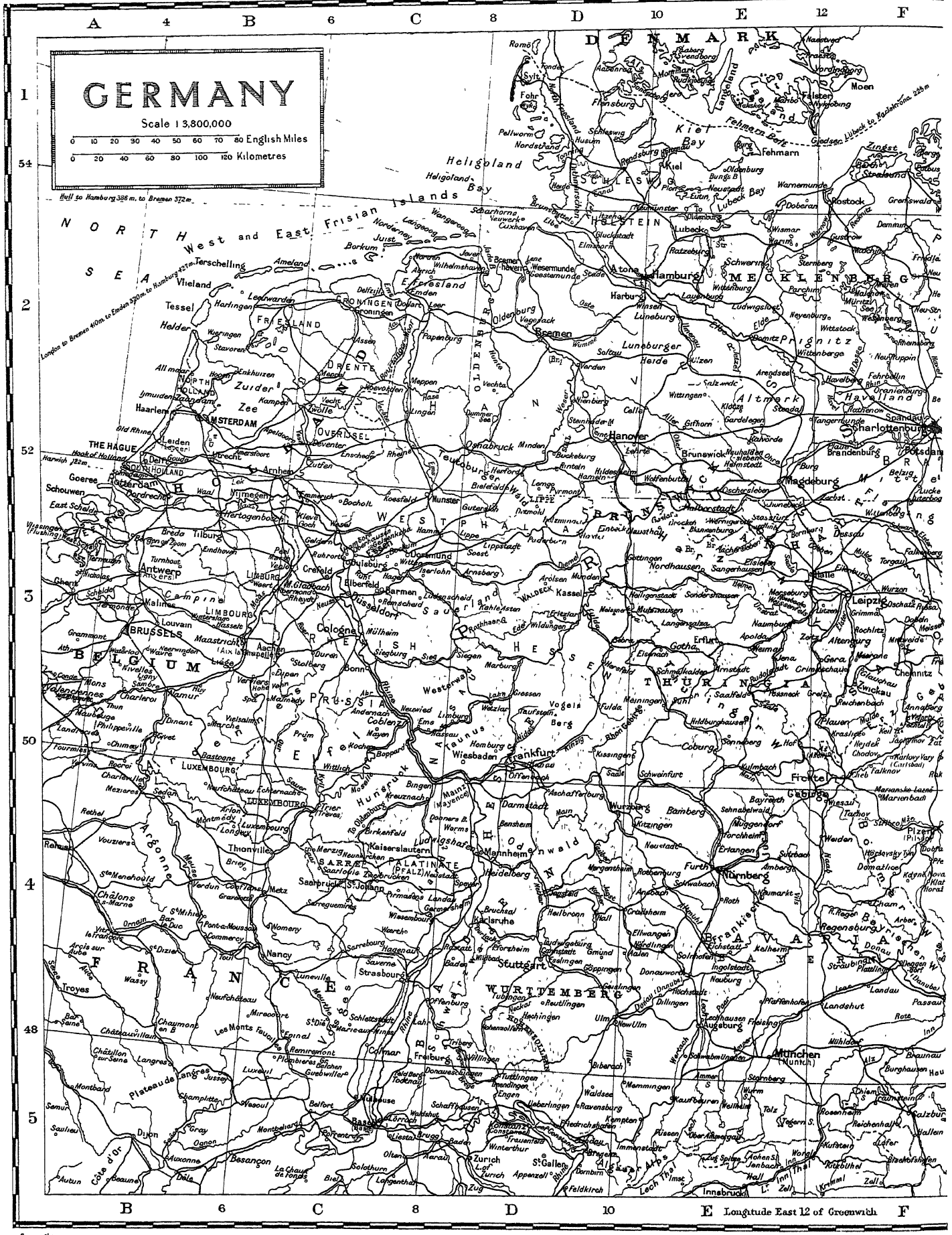

SCHAFFHAUSEN
THURGAU
FRAUENFELD
CONSTANCE
LAKE OF CONSTANCE
Lindau
Bregenz
Kempten
Immenstadt
Hindelang
ZURICH
Winterthur
Uster
Horgen
Meilen
Rapperswil
ST GALLEN
Herisau
Trogen
Appenzell
Rhoden
Altstätten
Oberstdorf
Hohenems
Feldkirch
Bludenz
Dalaas
Schruns
Warth
Steg
Lech
AUSTRIA
Einsiedeln
SCHWYZ
Schwyz
Wesen
Wallenstadt
Sevelen
Buchs
Vaduz
Brand
Gallenkirch
GLARUS
Glarus
Linthal
Elm
Flums
Sargans
Ragaz
Pfäfers
Coire or Chur
Arosa
Davos
Klosters
Schuls
Tarasp
Zernez
Samaden
St Moritz
Pontresina
Bernina Pass
Stelvio Pass
Splügen Pass
Spluga Pass
Maloja Pass
Julier Pass
Albula Pass
Flüela Pass
Ofen Pass
Reschen Pass
Gotthard
Airolo
Bellinzona
Locarno
Lugano
Chiasso
Como
Varallo
Domodossola
Sondrio
Tirano
Bormio
Chiavenna
Colico
Lecco
Bergamasche Alps
Val Camonica
Val Brembana
Val Seriana
Val Tellina
Lago Maggiore
Lago di Como
Lago di Lugano
Lago di Varese
Printed in Edinburgh, Scotland by John Bartholomew & Son Ltd

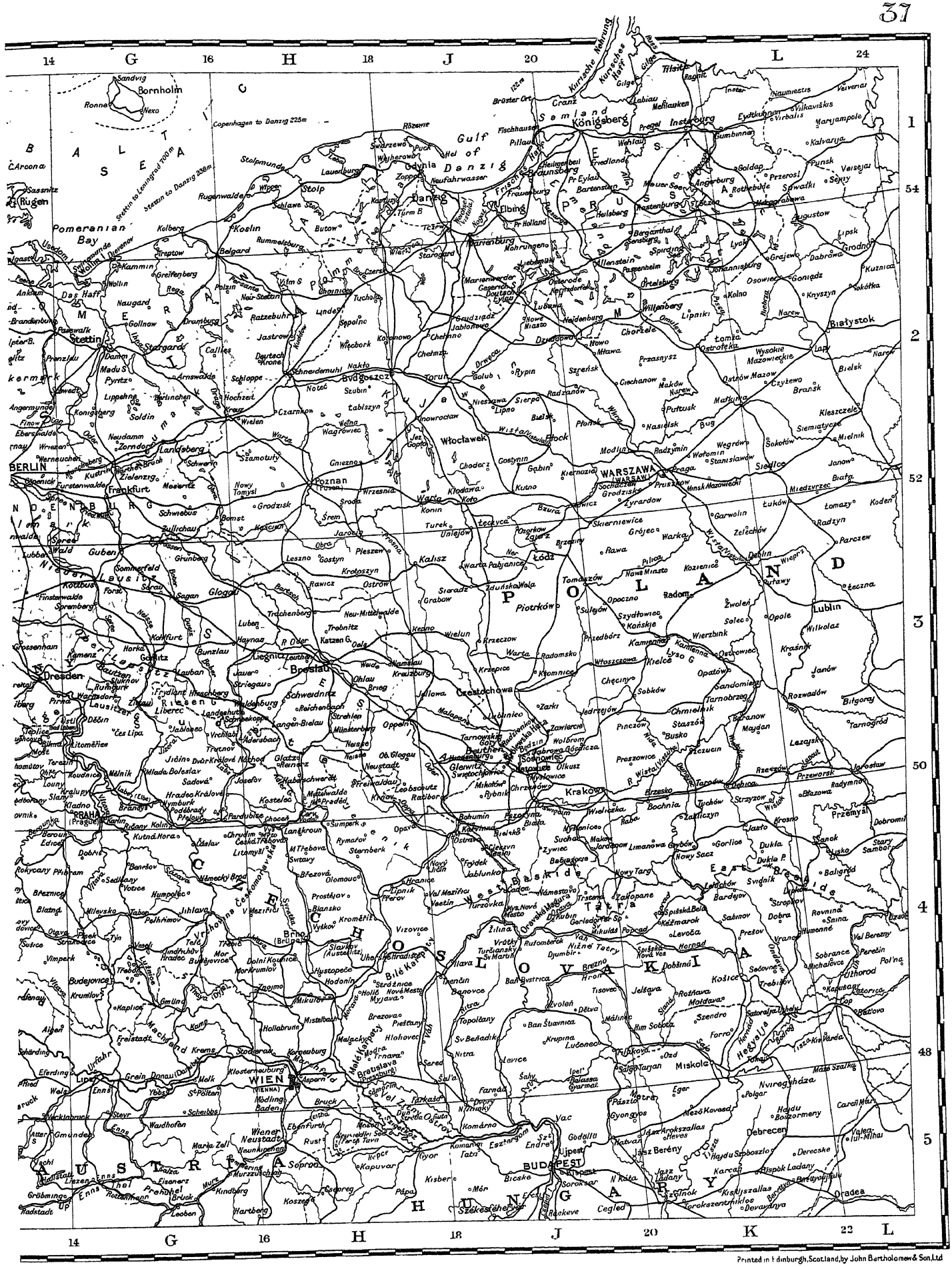

A 10
B 8
C 6
D 4
1
42
2
40
3
38
4
36
5
ATLANTIC OCEAN
Gulf of Cadiz
BAY OF BI
Cantabrian Mountains
CORUÑA
LUGO
ORENSE
PONTEVEDRA
LEÓN
PALENCIA
SANTANDER
OVIEDO
BURGOS
ZAMORA
VALLADOLID
SEGOVIA
SALAMANCA
AVILA
MADRID
TOLEDO
CIUDAD REAL
CÁCERES
BADAJOZ
CÓRDOBA
JAÉN
SEVILLA
GRANADA
MÁLAGA
CÁDIZ
HUELVA
BEJA
ÉVORA
PORTALEGRE
CASTELO BRANCO
GUARDA
COIMBRA
AVEIRO
VISEU
VILA REAL
BRAGANÇA
VIANA DO CASTELO
BRAGA
PORTO
LEIRIA
SANTAREM
LISBOA
SETUBAL
ALGARVE
SPAIN
PORTUGAL
Havana to La Coruña 3920 m
Havana to Vigo 3850 m
Madeira to Vigo 710 m
Lisbon to La Coruña 330 m to London 1035 m to Amsterdam 1110 m to Boulogne 948 m to Bordeaux 720 m
Lisbon to Porto 190 m
Lisbon to Buenos Aires 5300 m
London to Gibraltar 1319 m
New York to Gibraltar 3200 m
Lisbon to Cadiz 240 m
Tenerife to Cadiz 698 m
Gibraltar to Marseille 880 m.
C. Ortegal
C. de Vares
C. Peñas
C. Torifiana
C. Finisterre
C. Espichel
C. Roca
C. Sines
C. S. Vicente (C. S. Vincent)
C. S. Maria
C. Trafalgar
Str of Gibraltar
Longitude West 8 of Greenwich
Santander
Oviedo
Lugo
Santiago
Orense
Vigo
Porto
Coimbra
Salamanca
Valladolid
Burgos
Madrid
Toledo
Lisboa
Setubal
Evora
Badajoz
Sevilla (Seville)
Cadiz
Gibraltar (Br)
Tangier
Tetuan
Granada
Malaga
Cordoba
Jaen
Ciudad Real
Caceres
Castelo Branco
Portalegre
Santarem
Leiria
Aveiro
Viseu
Guarda
Braga
Viana do Castelo
Vila Real
Bragança
Algarve
Beja
Huelva
Gulf of Cadiz
R. Guadalquivir
R. Douro
R. Tejo (Tagus)
R. Guadiana

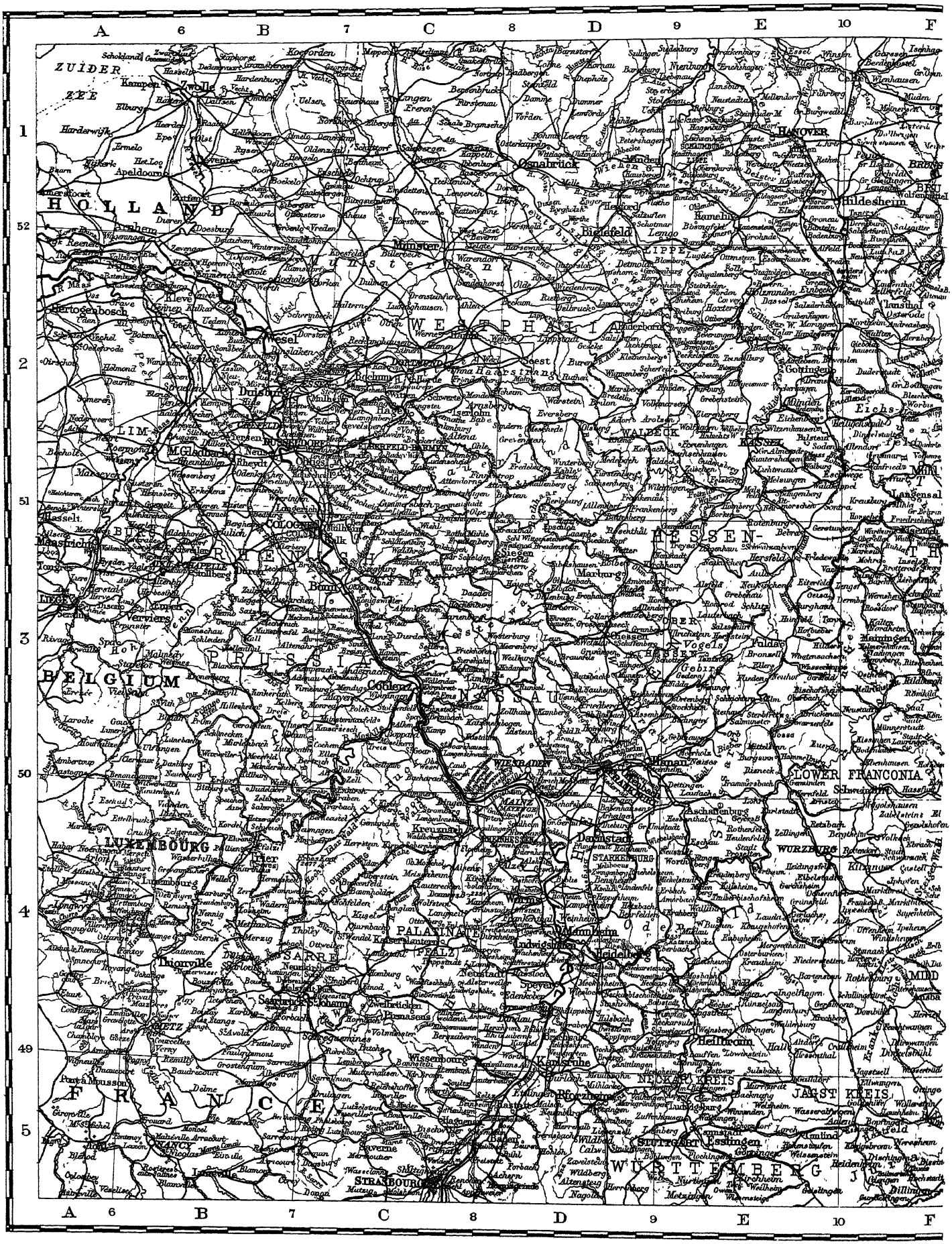

SPAIN AND PORTUGAL
Scale 1 3,800,000
0 10 20 30 40 50 60 70 80 90 100 English Miles
0 20 40 60 80 100 120 140 160 Kilometres
Longitude East 2 of Greenwich
2 F 0 G 2 H 4 J
E 2 F 0 G H 4 J
1 42 2 40 3 38 4 36 5
Gulf of Lions
BALEARIC ISLANDS
Gulf of Valencia
MEDITERRANEAN SEA
Mouths of the Rhone
Marseille
Barcelona to Marseille 198 m
Barcelona to Malta 670 m
Gibraltar to Naples 975 m
Alicante to Barcelona 225 m
Bilbao
Pamplona
Vitoria
Logroño
Huesca
Lerida
Tarragona
Barcelona
Gerona
Perpignan
Toulouse
Bayonne
Zaragoza
Teruel
Cuenca
Guadalajara
Castellón de la Plana
Valencia
Albacete
Alicante
Murcia
Almeria
Palma
Mallorca (Majorca)
Menorca (Minorca)
Ibiza (Iviza)
Formentera
Alger (Algiers)
Dellys
Tizi Ouzou
Oran
Mostuganem
Bosquet
Pdu Chelif
G of Almeria
G of Arzeu
G de Tortosa
G de S Jorge
G of Roses
C de Creus
C de Gata
C de la Nao
C Salinas
C Blanco
C Cavaleria
C Formentor
C Darturch
C Pera
Mahon
Cabrera
Conejera
Dragonera
Sóller
Valldemosa
Manacor
Inca
Felanitx
Andraitx
Pollensa
Alcudia
Sagunto
Peñiscola
Vinaroz
Benicarlo
Tortosa
Amposta
Ebro
Segre
Llobregat
Besos
Tech
Aude
Rhone
Garonne
Adour
Ebro
Duero
Tajo
Guadiana
Guadalquivir
Segura
Jucar
Turia
Mijares
Cabo de Palos
Mar Menor
Cartagena
Lorca
Totana
Murcia
Orihuela
Elche
Alicante
Alcoy
Villena
Albacete
Almansa
Chinchilla
Hellin
Yecla
Jumilla
Novelda
Monovar
Villajoyosa
Altea
Denia
Gandia
Jativa
Alcira
Valencia
Sagunto
Castellón de la Plana
Vinaroz
Tortosa
Reus
Tarragona
Villafranca
Igualada
Manresa
Cardona
Solsona
Seo de Urgel
Puigcerda
Andorra
Ripoll
Olot
Figueras
Rosas
Prades
Port Vendres
Collioure
Argeles
Cerbères
Sigean
Leucate
Narbonne
Carcassonne
Limoux
Foix
Pamiers
Lavelanet
Belpech
Castelnaudry
Revel
Mazamet
Lombez
Muret
Auch
Mirande
Lectoure
Agen
Condom
Aire
Dax
Orthez
Pau
Tarbes
Lourdes
Argeles
Bagneres de Bigorre
Bagneres de Luchon
St Gaudens
St Girons
St Beat
Vielha
Maladetta
Pd Aneto
Mt Perdu
Pd Midi d'Ossau
Pd Orhy
Roncesvalles
Oloron
Sauveterre
Peyrehorade
Hasparren
St Palais
Biarritz
Bayonne
Fuenterrabia
C Machichaco
S. Sebastian
Tolosa
Azpeitia
Durango
Guernica
Orduna
Miranda
Haro
Logroño
Calahorra
Arnedo
Alfaro
Tudela
Tafalla
Estella
Sos
Sangüesa
Jaca
Boltaña
Barbastro
Benabarre
Monzon
Tamarite
Balaguer
Cervera
Sariñena
Fraga
Lerida
Mequinenza
Pina
Escatron
Caspe
Alcañiz
Gandesa
Falset
Montblanch
Villafranca
Valls
Vendrell
Villanueva y Geltrú
(New Barcelona)
Sabadell
Tarrasa
Granollers
Arenys
Mataró
Badalona
S Martin
Barcelona
Blanes
Palamós
Sta Coloma
Vich
Olban
Berga
Gerona
Bisbal
Ter
Llanos de Borjas
Sorta
Tarazona
Borja
Almazan
Ateca
Calatayud
Belchite
Moneva
Daroca
Siguenza
Medinaceli
Atienza
Molina
Guadalajara
Cifuentes
Tajuña
Henares
Jarama
Tajo
Almonacid de Zorita
Universales
Albarracin
Teruel
Mora
Peña Golosa 6248
P Javalambre 6988
Aliaga
Montalban
Castellote
Morella
Ulldecona
San Mateo
Albocacer
Villarreal
Burriana
Nules
Segorbe
Viver
Chelva
Liria
Villar del Arzobispo
Pueblo nuevo del Mar
Utiel
Requena
Chiva
Buñol
Embalse de Valencia
Sierra Martes
Casas Ibañez
Carlet
Sueca
Cullera
Alcira
Alberique
Ayora
Enguera
Cuenca
Huete
Tarancon
Villamayor
Belmonte
Motilla
Villarrobledo
Tomelloso
La Roda
Barrax
Albacete
Chinchilla
Almansa
Infantes
Alcaraz
Sierra de Alcaraz
Yeste
Segura
Orcera
Hellin
Mundo
Sierra Cazorla
Sierra de Taibilla
Moratalla
Caravaca
Cehegin
Mula
Molina
Dolores
Carrilente
Planal
Orihuela
Torreviga
Totana
Lorca
Mazarron
Cabo de Palos
Mar Menor
Cartagena
Cabo Tinoso
Sierra de las Estancias
Puerto Lumbreras
Velez Rubio
Huescar
Cazorla
Sierra del Pozo
Sierra de Segura
Sierra de Alcaraz
Sierra de Cazorla
Sierra de Taibilla

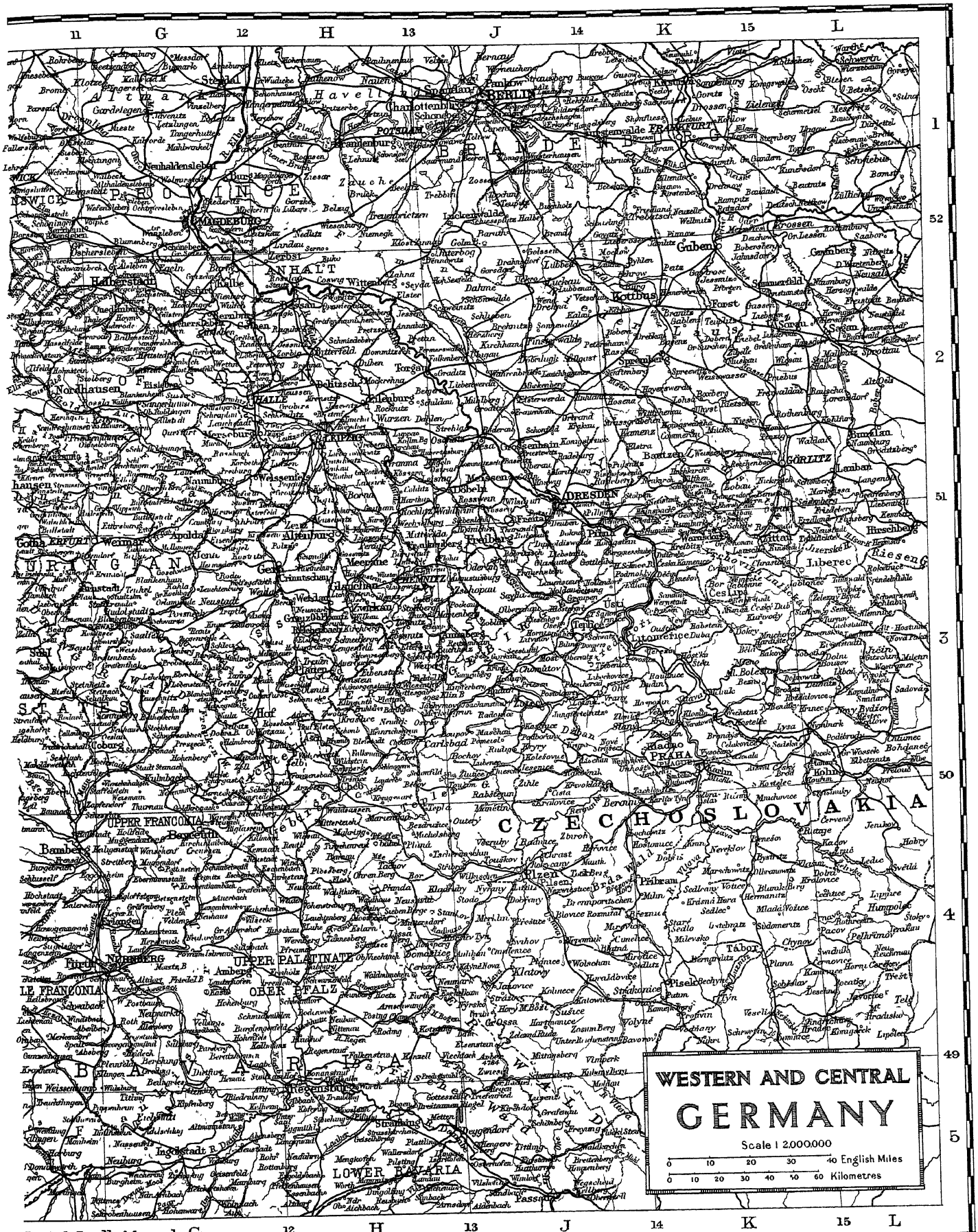

ITALY
Scale 1 4,000,000
0 10 20 30 40 50 60 70 80 English Miles
0 20 40 60 80 100 120 Kilometres
A 8 B 10 C 12 D 14 E 16 F 18
1 46 2 44 3 42
GERMANY
SWITZERLAND
AUSTRIA
HUNGARY
Tyrrhenian Sea
Gulf of Venice
Adriatic Sea
LIGURIAN SEA
Gulf of Genoa
Gulf of Trieste
Gulf of Manfredonia
Mt Blanc 15782
Monte Rosa 15217
Gran Paradiso 13323
Mt Viso 12605
Mt Cenis 11959
Jungfrau 13669
Matterhorn 14705
Mt Etna 10902
Mt Corno 9560
Gran Sasso d'Italia
Mt Rotondo 8878
Mt d'Incudine 8877
Monte Cristo
Elba
Pianosa
Giglio
Capraia
Gorgona
Meloria
Isola del Giglio
Isola di Ponza
Isola di Ventotene
Isola di Capri
Isola di Ischia
Isola di Procida
Isola di Lipari
Isola di Stromboli
Isola di Vulcano
Isola di Salina
Isola di Filicudi
Isola di Alicudi
Isola di Panarea
Isola di Ustica
Isola di Favignana
Isola di Levanzo
Isola di Marettimo
Isola di Pantelleria
Isola di Lampedusa
Isola di Linosa
Isola di Malta
Isola di Gozo
Isola di Comino
Isola di Pelagosa
Isola di Lagosta
Isola di Mljet
Isola di Korcula
Isola di Hvar
Isola di Vis
Isola di Brac
Isola di Solta
Isola di Ugljan
Isola di Pasman
Isola di Dugi Otok
Isola di Rab
Isola di Krk
Isola di Cres
Isola di Losinj
Isola di Pag
Isola di Olib
Isola di Silba
Isola di Premuda
Isola di Susak
Isola di Ist
Isola di Molat
Isola di Dugi Otok
Isola di Kornati
Isola di Zirje
Isola di Kaprije
Isola di Murter
Isola di Vrgada
Isola di Prvic
Isola di Zlarin
Isola di Tijat
Isola di Kaprije
Isola di Sibenik
Isola di Drvenik Veli
Isola di Drvenik Mali
Isola di Solta
Isola di Brac
Isola di Hvar
Isola di Korcula
Isola di Lastovo
Isola di Mljet
Isola di Sipan
Isola di Lopud
Isola di Kolocep
Isola di Dubrovnik
Isola di Cavtat
Isola di Mljet
Isola di Korcula
Isola di Hvar
Isola di Vis
Isola di Brac
Isola di Solta
Isola di Ugljan
Isola di Pasman
Isola di Dugi Otok
Isola di Rab
Isola di Krk
Isola di Cres
Isola di Losinj
Isola di Pag
Isola di Olib
Isola di Silba
Isola di Premuda
Isola di Susak
Isola di Ist
Isola di Molat
Isola di Dugi Otok
Isola di Kornati
Isola di Zirje
Isola di Kaprije
Isola di Murter
Isola di Vrgada
Isola di Prvic
Isola di Zlarin
Isola di Tijat
Isola di Kaprije
Isola di Sibenik
Isola di Drvenik Veli
Isola di Drvenik Mali
Isola di Solta
Isola di Brac
Isola di Hvar
Isola di Korcula
Isola di Lastovo
Isola di Mljet
Isola di Sipan
Isola di Lopud
Isola di Kolocep
Isola di Dubrovnik
Isola di Cavtat


T Y R R H E N I A N
S E A
M E D I T E R R A N E A N
S E A
SARDINIA
SICILY
CALABRIA
BASILICATA
PUGLIA
TUNISIA
Gulf of Taranto
Gulf of Squillace
Gulf of Catania
Malta Channel
Longitude East 12 of Greenwich
Marseille to Naples 450 m
Naples to Messina 150 m
Palermo to Naples 170 m
Algeria to Naples 580 m
Gibraltar to Naples 874 m
Gibraltar to Trieste 1683 m to Venice 1695 m
Tunis to Malta 240 m
Tunis to Tripoli 316 m
Malta to Brindisi 360 m to Venice 740 m to Trieste 730 m
Catania to Piraeus 495 m
Tripoli to Malta 195 m
Napoli
Palermo
Messina
Catania
Siracusa
Valletta
Malta
Trapani
Marsala
Agrigento
Tunis
Bizerte
Sousse
Sfax
Gabès
Monastir
Kairouan
Hammamet
Eolie or Lipari Is.
Pantelleria
Lampedusa
Linosa
Gozo
Ustica
Ponza
Ischia
Capri
Stromboli
Vulcano
Salina
Filicudi
Alicudi
Panarea
Aeolian Is.
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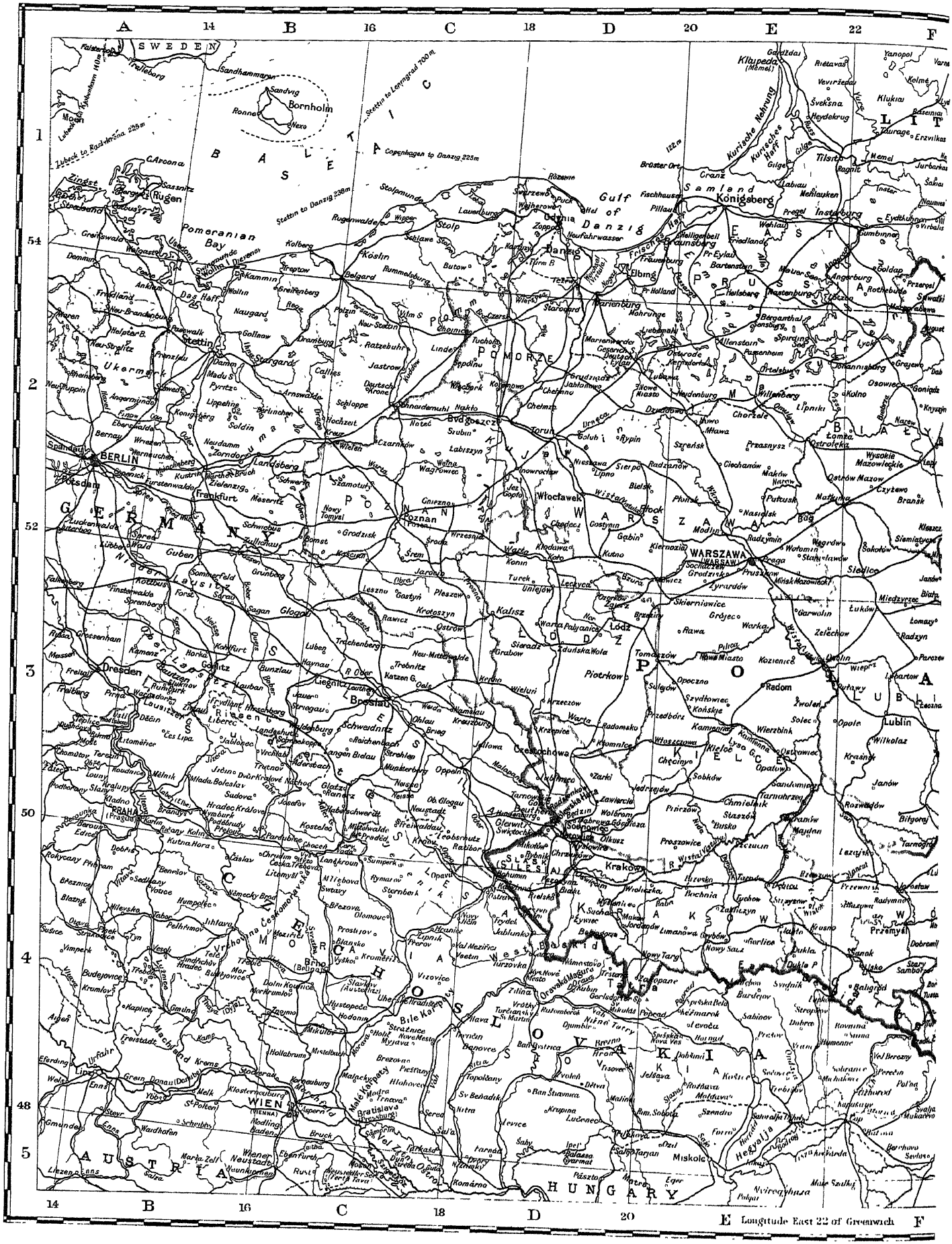

GERMANY
Scale 1 3,800,000
0 10 20 30 40 50 60 70 80 English Miles
0 20 40 60 80 100 120 Kilometres
Hull to Hamburg 386 m. to Bremen 372 m.
London to Bremen 410 m. to Emden 370 m. to Hamburg 421 m.
A 4 B 6 C 8 D 10 E 12 F
1 54 2 52 3 50 4 48 5
B 6 C 8 D 10 E Longitude East 12 of Greenwich F
DENMARK
NORTH SEA
West and East Frisian Islands
Heligoland
Heligoland Bay
Kiel Bay
Fehmarn Belt
Gedsen Lübeck to Nadelsnäs 228 m.
Terschelling
Vlieland
Texel
Helder
Ameland
Borkum
Juist
Norderney
Langeoog
Wangerooge
Schiermonnikoog
Scharhörne
Neuwerk
Cuxhaven
Elbe
Jade
Weser
Ems
Dollart
Zuider Zee
IJsselmeer
Ijssel
Rhine
Old Rhine
Hook of Holland
Harwich 122 m.
Schouwen
Goeree
East Schelde
Vlissingen (Flushing)
Terneuzen
Sluis
Zeebrugge
Ostend
Dunkerque
Calais
Boulogne
Dover
Ramsgate
Margate
North Foreland
Thames
Sheerness
Chatham
Gravesend
Tilbury
London
Southend
Clacton
Harwich
Felixstowe
Aldeburgh
Lowestoft
Yarmouth
Cromer
Wash
Boston
Skegness
Grimsby
Hull
Spurn Head
Humber
Flamborough Head
Scarborough
Whitby
Middlesbrough
Tees
Hartlepool
Sunderland
Tyne
Newcastle
Blyth
Berwick
Tweed
Farne Islands
Holy Island
Cheviot
Alnwick
Coquet Island
Amble
Warkworth
Tynemouth
North Shields
South Shields
Durham
Darlington
Richmond
Northallerton
Thirsk
Malton
Pickering
Whitby
Redcar
Saltburn
Guisborough
Stockton
Yarm
Ripon
Harrogate
Knaresborough
Wetherby
Tadcaster
York
Selby
Goole
Doncaster
Pontefract
Wakefield
Barnsley
Sheffield
Rotherham
Chesterfield
Mansfield
Worksop
Retford
Gainsborough
Lincoln
Grantham
Sleaford
Boston
Spalding
Peterborough
Stamford
Oundle
Kettering
Wellingborough
Northampton
Towcester
Daventry
Rugby
Coventry
Nuneaton
Tamworth
Lichfield
Burton
Derby
Ashbourne
Matlock
Buxton
Leek
Stoke
Newcastle
Crewe
Nantwich
Chester
Wrexham
Shrewsbury
Oswestry
Ludlow
Bridgnorth
Wolverhampton
Walsall
Dudley
Stourbridge
Kidderminster
Worcester
Evesham
Tewkesbury
Gloucester
Cheltenham
Stroud
Cirencester
Swindon
Marlborough
Devizes
Trowbridge
Frome
Shepton Mallet
Wells
Glastonbury
Taunton
Bridgwater
Minehead
Barnstaple
Ilfracombe
Lynton
Exmouth
Dawlish
Teignmouth
Torquay
Paignton
Brixham
Dartmouth
Kingsbridge
Salcombe
Plymouth
Tavistock
Launceston
Bude
Padstow
Newquay
St Ives
Penzance
Falmouth
Truro
Redruth
Camborne
Helston
Lizard
Land's End
Scilly Isles
St Mary's
Tresco
Bryher
St Agnes
Hugh Town
Cape Clear
Fastnet
Kinsale
Cork
Queenstown
Youghal
Waterford
Dungarvon
Tramore
Wexford
Rosslare
Arklow
Wicklow
Bray
Dublin
Howth
Drogheda
Dundalk
Carlingford
Strangford
Belfast
Larne
Donaghadee
Portaferry
Ardglass
Newcastle
Kilkeel
Warrenpoint
Newry
Portadown
Lurgan
Armagh
Dungannon
Omagh
Enniskillen
Lough Erne
Lough Neagh
Londonderry
Foyle
Lough Swilly
Letterkenny
Donegal
Ballyshannon
Sligo
Sligo Bay
Ballina
Killala
Broadhaven
Blacksod Bay
Achill Island
Clew Bay
Westport
Galway
Galway Bay
Aran Islands
Inishmore
Inishmaan
Inishere
Connemara
Lough Corrib
Lough Mask
Ballinrobe
Castlebar
Lough Conn
Lough Gara
Roscommon
Athlone
Lough Ree
Longford
Mullingar
Lough Derravaragh
Lough Owel
Lough Ennell
Tullamore
Grand Canal
Royal Canal
Shannon
Limerick
Shannon Estuary
Tarbert
Kilrush
Loop Head
Kilkee
Ennis
Lough Derg
Nenagh
Roscrea
Thurles
Cashel
Tipperary
Clonmel
Carrick-on-Suir
New Ross
Enniscorthy
Gorey


14 G 16 H 18 J 20 L 24
1 2 3 4 5
54 52 50 48
22 K
BALTIC SEA
Gulf of Danzig
Pomeranian Bay
Frisches Haff
Kurisches Haff
Kurische Nehrung
Copenhagen to Danzig 225m
Stettin to Leningrad 700m
Stettin to Danzig 238m
Sandvig
Bornholm
Ronne
Nexo
Rügen
Arcona
Sassnitz
Swinemünde
Wollin
Usedom
Stettin
Stargard
Kammin
Greifenberg
Kolberg
Koslin
Stolp
Lauenburg
Bütow
Rügenwaldeo
Wipper
Schlawe
Stolpmünde
Leba
Rixhöft
Zoppot
Gdynia
Neufahrwasser
Danzig
Karthaus
Turm B
Tczew
Elbing
Pr Holland
Marienburg
Nogat
Vistula
Nogat
Frische Nehrung
Pillau
Fischhausen
Brüster Ort
Cranz
Königsberg
Pregel
Insterburg
Tilsit
Ragnit
Gilge
Memel
Libau
Mitau
Russ
Wehlau
Friedland
Bartenstein
Allenstein
Hohenstein
Neidenburg
Soldau
Mlawa
Ostrolenka
Lyck
Angerburg
Rothebude
Goldap
Pillkallen
Eydtkuhnen
Virballs
Kalvarya
Maryampole
Sejny
Suwalki
Augustow
Grajewo
Lomza
Bialystok
Kolno
Osowiec
Goniadz
Kuznica
Sokolka
Knyszyn
Narew
Lipsk
Grodno
Dabrowa
Lyck
Johannisburg
Sensburg
Rastenburg
Deutsch Eylau
Riesenburg
Marienwerder
Graudenz
Gollub
Rypin
Strasburg
Thorn
Culmsee
Briesen
Gollub
Schwetz
Konitz
Tuchel
Neustadt
Putzig
Hela
Lauenburg
Stolp
Rügenwaldeo
Schlawe
Rummelsburg
Belgard
Treptow
Greifenberg
Kammin
Wollin
Usedom
Swinemünde
Stettin
Pyritz
Naugard
Gollnow
Stargard
Pasewalk
Prenzlau
Angermünde
Schwedt
Finow Canal
Eberswalde
Neudamm
Zorndorf
Landsberg
Soldin
Königsberg
Crossen
Frankfurt
Fürstenwalde
Müncheberg
Strausberg
Berlin
Potsdam
Brandenburg
Werder
Ketzin
Spandau
Charlottenburg
Zehlendorf
Teltow
Zossen
Luckenwalde
Jüterbog
Treuenbrietzen
Belzig
Brück
Wittenberg
Dessau
Bernburg
Aschersleben
Quedlinburg
Halberstadt
Wernigerode
Blankenburg
Harzburg
Goslar
Seesen
Osterode
Hohenstein
Neidenburg
Soldau
Mlawa
Ostrolenka
Lyck
Angerburg
Rothebude
Goldap
Pillkallen
Eydtkuhnen
Virballs
Kalvarya
Maryampole
Sejny
Suwalki
Augustow
Grajewo
Lomza
Bialystok
Kolno
Osowiec
Goniadz
Kuznica
Sokolka
Knyszyn
Narew
Lipsk
Grodno
Dabrowa
Lyck
Johannisburg
Sensburg
Rastenburg
Deutsch Eylau
Riesenburg
Marienwerder
Graudenz
Gollub
Rypin
Strasburg
Thorn
Culmsee
Briesen
Gollub
Schwetz
Konitz
Tuchel
Neustadt
Putzig
Hela
Bromberg
Bydgoszcz
Inowrocław
Mogilno
Gnesen
Posen
Kolmar
Schneidemühl
Deutsch Krone
Flatow
Jastrow
Neu-Stettin
Vimsee


A 6 B 7 C 8 D 9 E 10 F
1
52
2
51
3
50
4
49
5
ZUIDER ZEE
HOLLAND
BELGIUM
FRANCE
PRUSSIA
WESTPHALIA
RHENISH
HESSEN-NASSAU
HESSEN
WALDECK
LIPPE
HANOVER
LOWER FRANCONIA
WURZBURG
JAGST KREIS
NECKAR KREIS
WURTTEMBERG
BAVARIA
PALATINATE
PFALZ
LUXEMBOURG
Amsterdam
Rotterdam
Utrecht
Arnhem
Nijmegen
Zwolle
Enschede
Hengelo
Deventer
Apeldoorn
Osnabrück
Minden
Bielefeld
Münster
Hildesheim
Hameln
Lemgo
Detmold
Paderborn
Soest
Arnsberg
Siegen
Wesel
Duisburg
Essen
Dortmund
Bochum
Hagen
Iserlohn
Gelsenkirchen
Recklinghausen
Krefeld
Mönchengladbach
Neuss
Düsseldorf
Solingen
Wuppertal
Remscheid
Leverkusen
Cologne
Bonn
Aachen
Maastricht
Hasselt
Liège
Verviers
Spa
Malmedy
Eupen
Stolberg
Düren
Julich
Bergheim
Euskirchen
Rheydt
Odenkirchen
Viersen
Venlo
Roermond
Weert
Tongres
Namur
Dinant
Marburg
Giessen
Wetzlar
Limburg
Frankfurt
Hanau
Offenbach
Darmstadt
Aschaffenburg
Mainz
Wiesbaden
Koblenz
Trier
Kreuznach
Bingen
Worms
Mannheim
Ludwigshafen
Heidelberg
Speyer
Neustadt
Kaiserslautern
Zweibrücken
Saarbrücken
Saargemünd
Thionville
Metz
Nancy
Strasbourg
Karlsruhe
Rastatt
Baden
Pforzheim
Stuttgart
Esslingen
Ludwigsburg
Heilbronn
Hall
Crailsheim
Ansbach
Rothenburg
Kitzingen
Würzburg
Schweinfurt
Bamberg
Coburg
Fulda
Meiningen
Hersfeld
Eisenach
Gotha
Erfurt
Weimar
Langensalza
Nordhausen
Osterode
Göttingen
Einbeck
Holzminden
Höxter
Warburg
Brilon
Arolsen
Kassel
Eschwege
Witzenhausen
Münden
Northeim
Helmstedt
Braunschweig
Wolfenbüttel
Salzgitter
Goslar
Bremen
Verden
Celle
Winsen
Lüneburg
Uelzen
Salzwedel
Stendal
Magdeburg
Halberstadt
Quedlinburg
Aschersleben
Bernburg
Dessau
Köthen
Zerbst
Wittenberg
Lutherstadt
Torgau
Leipzig
Halle
Merseburg
Naumburg
Weissenfels
Zeitz
Altenburg
Gera
Greiz
Plauen
Hof
Kulmbach
Bayreuth
Forchheim
Erlangen
Nürnberg
Fürth
Schwabach
Roth
Weissenburg
Gunzenhausen
Dinkelsbühl
Crailsheim
Schwäbisch Hall
Künzelsau
Mergentheim
Tauberbischofsheim
Wertheim
Miltenberg
Obernburg
Amorbach
Erbach
Michelstadt
Lindenfels
Bensheim
Heppenheim
Bergstrasse
Odenwald
Rhine
Main
Neckar
Moselle
Saar
Lahn
Ruhr
Lippe
Ems
Weser
Elbe
Oder
Danube
Donau
Rhein
Mosel
Saale
Havel
Spree
Berlin
Potsdam
Brandenburg
Frankfurt a. O.
Cottbus
Guben
Forst
Sorau
Luckau
Lübben
Jüterbog
Wittenberge
Perleberg
Pritzwalk
Neuruppin
Oranienburg
Eberswalde
Angermünde
Prenzlau
Templin
Schwedt
Stettin
Pasewalk
Ueckermünde
Anklam
Greifswald
Stralsund
Rügen
Usedom
Wolgast
Swinemünde
Kolberg
Köslin
Stolp
Lauenburg
Bütow
Rügenwalde
Danzig
Gdingen
Zoppot
Marienburg
Elbing
Braunsberg
Heiligenbeil
Pillau
Königsberg
Tilsit
Memel
Insterburg
Gumbinnen
Goldap
Lyck
Johannisburg
Sensburg
Rastenburg
Allenstein
Neidenburg
Soldau
Ortelsburg
Lötzen
Angerburg
Darkehmen
Ragnit
Pillkallen
Stallupönen
Tilsit-Ragnit
Memel-Niederung
Labiau
Wehlau
Gerdauen
Bartenstein
Preussisch Eylau
Mohrungen
Osterode
Neidenburg
Soldau
Ortelsburg
Lötzen
Angerburg
Darkehmen
Ragnit
Pillkallen
Stallupönen
Tilsit-Ragnit
Memel-Niederung
Labiau
Wehlau
Gerdauen
Bartenstein
Preussisch Eylau
Mohrungen

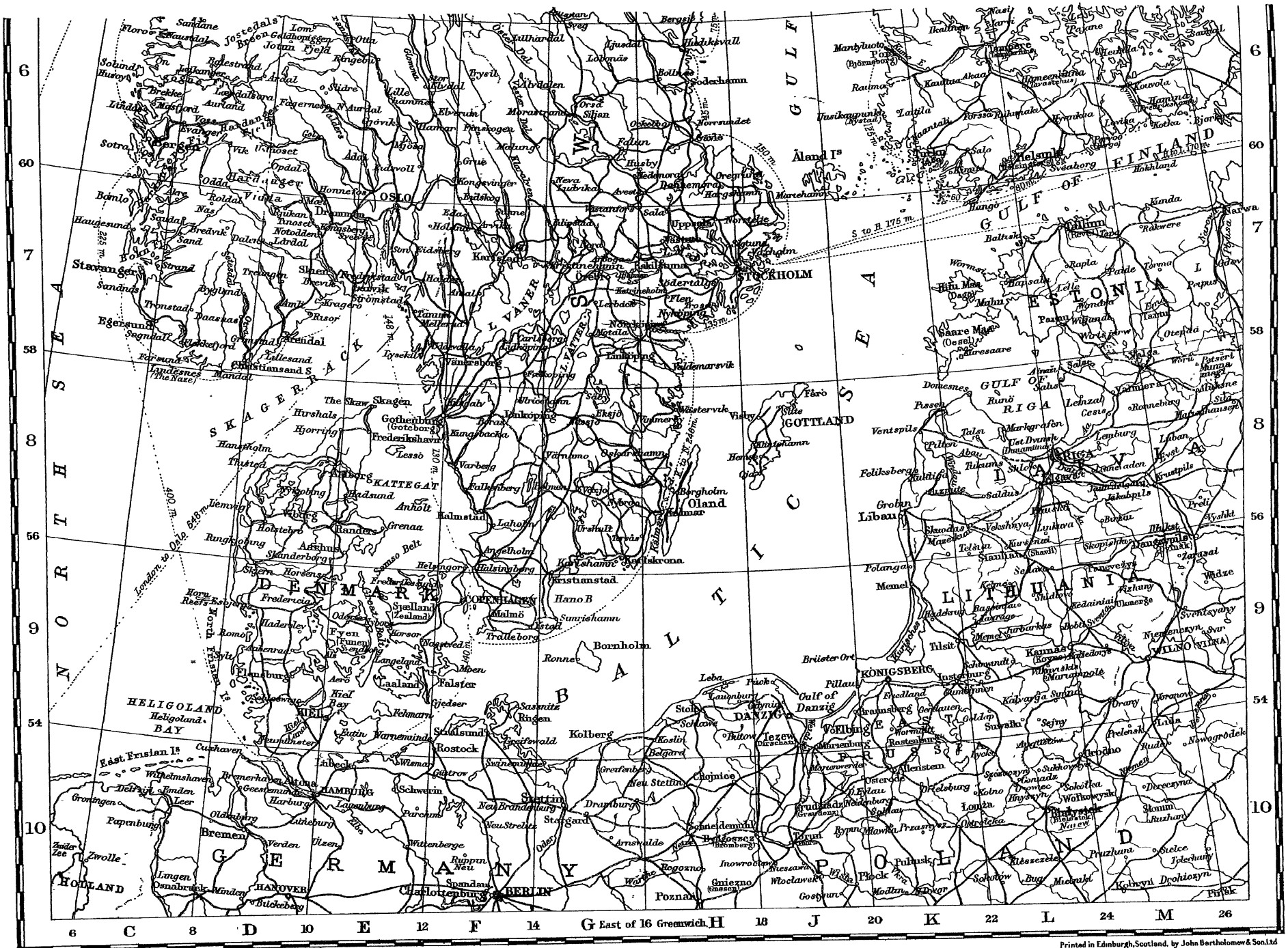


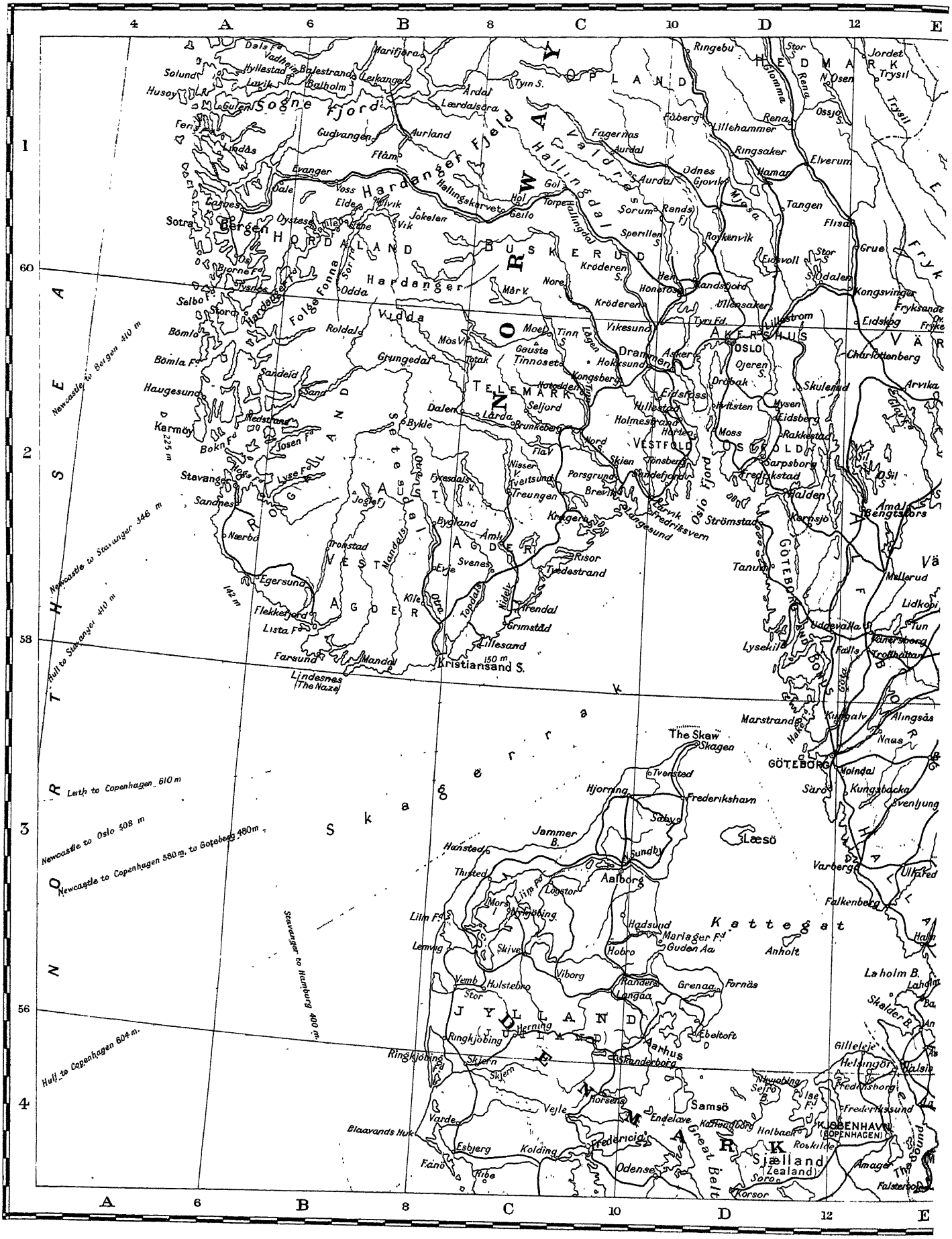
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1
54
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3
50
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48
5
SWEDEN
Bornholm
Sandvig
Ronne
Nexo
Copenhagen to Danzig 225m
Stettin to Leningrad 700m
Lübeck to Kristiansand 225m
Lübeck to Kristinehamn 140m
Trelleborg
Falsterbo
Sandhammaren
Arcona
Rügen
Stralsund
Greifswald
Pomeranian Bay
Swinemünde
Usedom
Kolberg
Stettin to Danzig 238m
Stolpmünde
Rügenwaldemünde
Stolp
Lauenburg
Leba
Rozewie
Hela
Gulf of Danzig
Danzig
Neufahrwasser
Pillau
Fischhausen
Samland
Königsberg
Cranz
Brüster Ort
Kurische Nehrung
Kurisches Haff
Memel
Tilsit
Ragnit
Gilge
Labiau
Insterburg
Pregel
Eydtkuhnen
Virballen
Kybartai
Kalvarija
Marijampole
Kalvarija to Kovno 40m
Kovno to Kybartai 40m
Kovno to Eydtkuhnen 40m
Kovno
Kaunas
Vilkaviskis
Suwalki
Augustowo
Grajewo
Lyck
Johannisburg
Sensburg
Rastenburg
Allenstein
Bartenstein
Mohrungen
Marienburg
Elbing
Pr Holland
Braunsberg
Heiligenbeil
Wehlau
Friedland
Pr Eylau
Frauenburg
Frisches Haff
Frisches Nehrung
Mauer See
Angerburg
Goldap
Przerosl
Rothebude
Seiwalki
Marggrabowa
Bergarthal
Spirding See
Lyck
Johannisburg
Orzysz
Osowiec
Goniadz
Kolno
Lipniki
Bialystok
Lomza
Ostroleka
Wysokie Mazowieckie
Ostrow Mazow
Czyzewo
Branski
Makow
Narew
Przasnysz
Ciechanow
Mlawa
Chorzele
Soldau
Neidenburg
Willenberg
Hohenstein
Osterode
Deutsch Eylau
Marienwerder
Graudenz
Thorn
Strasburg
Briesen
Gollub
Rypin
Lubawa
Nowe Miasto
Lidzbark
Chelmno
Kulmsee
Culm
Kulmerland
Pomorze
Tuchola
Konitz
Schneidemühl
Nakło
Bromberg
Bydgoszcz
Notec
Szubin
Inowrocław
Niesawa
Lipno
Sierpc
Radzanów
Szreńsk
Przasnysz
Ostrolenka
Wysokie Mazowieckie
Ostrow Mazow
Czyżewo
Branski
Makow
Narew
Pultusk
Nasielsk
Modlin
Warszawa
Wloclawek
Wisla
Plock
Gostynin
Gabin
Kiernozia
Sochaczew
Grodzisk
Zyrardów
Minsk Mazowiecki
Radzymin
Wolomin
Stanislawow
Siedlce
Janów
Miedzyrzec
Biała
Skierniewice
Grójec
Garwolin
Łuków
Lomazy
Radzyn
Zelechow
Pilica
Nowe Miasto
Kozienice
Opoczno
Sulejów
Szydłowiec
Końskie
Radom
Zwolen
Solec
Opole
Lublin
Wilkolaz
Kraśnik
Janów
Rozwadów
Bilgoraj
Tarnogród
Lezajsk
Przemysl
Dobromil
Sanok
Lisko
Stary Sambor
Turka
Stryj
Drohobycz
Boryslaw
Stanislawow
Kalusz
Halicz
Zydaczow
Lwow
Rawa
Warka
Grojec
Tomaszów
Piotrkow
Lodz
Pabjanice
Zgierz
Brzezin
Kalisz
Ostrow
Rawicz
Krotoszyn
Gostyn
Leszno
Pleschen
Jarotschin
Turek
Konin
Warta
Kutno
Leczyca
Unejów
Brzeziny
Poznan
Posen
Nowy Tomysl
Grodzisk
Gniezno
Wreschen
Wongrowitz
Labischin
Wirsitz
Schneidemühl
Nakło
Bromberg
Bydgoszcz
Thorn
Strasburg
Briesen
Gollub
Rypin
Lubawa
Nowe Miasto
Lidzbark
Chelmno
Kulmsee
Culm
Kulmerland
Pomorze
Tuchola
Konitz
Flatow
Deutsch Krone
Czarnikau
Wagrowiec
Wirsitz
Schwerin
Samotuly
Meseritz
Frankfurt
Landsberg
Berlin
Potsdam
Spandau
Oranienburg
Neuruppin
Wrietzen
Zorndorf
Neudamm
Soldin
Arnswalde
Reetz
Woldenberg
Landsberg
Pyritz
Stargard
Gollnow
Stettin
Damm
Madu S
Ukermark
Prenzlau
Templin
Angermünde
Schwedt
Eberswalde
Finow
Bernau
Werneuchen
Strausberg
Wriezen
Seelow
Müncheberg
Fürstenwalde
Storkow
Beeskow
Zielenzig
Schwiebus
Grodzisk
Bomst
Zullichau
Crossen
Guben
Sommerfeld
Grünberg
Sagan
Glogau
Forst
Spremberg
Cottbus
Finsterwalde
Calau
Luckenwalde
Jüterbog
Zossen
Königs Wusterhausen
Lübben
Spreewald
Niesky
Niederlausitz
Kamenz
Bautzen
Görlitz
Zittau
Rumburk
Varnsdorf
Seidenberg
Löbau
Lauban
Bunzlau
Haynau
Liegnitz
Breslau
Trebnitz
Katzen G.
Oels
Trachenberg
Rawicz
Krotoszyn
Ostrow
Kalisz
Sieradz
Grabow
Wieluri
Krzeczow
Warta
Radomsko
Przedbórz
Kamienna
Wloszczowa
Kielce
Chęciny
Sobków
Opatów
Ostrowiec
Sandomierz
Tarnobrzeg
Stalowa Wola
Nisko


POLAND AND
EASTERN GERMANY
Scale 1:3,800,000
0 10 20 30 40 50 60 70 80 90 100 English Miles
0 20 40 60 80 100 120 140 160 Kilometres
LITHUANIA
WILNO
NOWOGRÓDEK
BIAŁYSTOK
POLESIE
WOŁYŃ
TARNOPOL
STANISŁAWÓW
WHITE RUSSIA
RUSSIA
UKRAINE
RUMANIA
Kaunas (Kovno)
Wilno
Grodno
Brześć-nad-Bugiem
Pinsk
Minsk
Vitebsk
Smolensk
Orsha
Mogilev
Bobruisk
Gomel
Chernigov
KIEV
Lwów
Tarnopol
Proskurov
Zhitomir
Berdichev
Vinnitsa
Cernauti (Czernowitz)
Hotin (Khotin)
Bricani
Lipcani
Edinti
Floresti
Rezina
Tomaszów
Sokal
Kowel
Równe
Dubno
Rovno
Volodarsk
Mozyr
Rogachev
Zhlobin
Ryechitsa
Kalinkovichi
Petrikov
Luniniec
Pruzana
Kobryn
Janów
Drohiczyn
Motol
Kossow
Baranowicze
Slutsk
Nieswiez
Wolozyn
Lida
Oszmiana
Wilejka
Molodeczno
Postawy
Dokszyce
Konstantynow
Widze
Szarkowszczyzna
Dzisna
Brastaw
Druja
Drissa
Dvinsk
Daugavpils
Polotsk
Gorodok
Beshenkovichi
Ulla
Gommel
Lepel
Syenno
Obol
Klolopenichi
Tolochin
Borisov
Krupki
Zhodin
Oknovo
Oszmiana
Soly
Nowa Wilejka
Zodziszki
Werki
Darsuniskiai
Kaisedorys
Ukmerge
Kurkliai
Utena
Anyksciai
Uspaliai
Seduva
Panevezys
Mariampolé
Aukstadvaris
Alytus
Varena
Juryzdyka
Veisiejai
Sopy
Marcinkance
Wasilliszki
Jezjory
Lipsk
Skidel
Nowogródek
Zdzięcioł
Nowojelnia
Stolpce
Mosty
Sokółka
Kuźnica
Rozanka
Swislocz
Bielsk
Nowy Dwór
Pruzana
Bereza Kartuska
Telechany
Oranczyce
Sosnowka
Zabinka
Kobryn
Drohiczyn
Janów
Motol
Luniniec
Luszcza
Hock
Lenin
Pripet
Zhitkovichi
Petrikov
Mozyr
Kalinkovichi
Khoiniki
Yelsk
Bragin
Kholmyki
Guta
Gorodnya
Snovsk
Novgorod Siverski
Karyukovka
Nizkovka
Korop
Berezna
Chernigov
Kosharovka
Dernovichi
Kuzmichi
Lelchitsi
Makhnovichi
Stolin
Marshes
Wyszki
Dabrowica
Kamien Koszyrski
Lisniowka
Wyzwa
Samary
Kodeń
Matorzyna
Domaczow
Wlodawa
Zbereze
Lubomi
Kowel
Hotoby
Berezne
Chełm
Rasnystaw
Hrubieszów
Zamość
Krasnobród
Tomaszów
Bełz
Bełzec
Sokal
Bilgoraj
Rawa Ruska
Radziechów
Komionki Strumilowa
Zolkiew
Jaworow
Busk
Podkamien
Brody
Lwów
Zloczów
Zaleszczyki
Zbaraż
Tarnopol
Brzeżany
Skałat
Trembowla
Podhajce
Chodorów
Horodenka
Nadwirnaa
Kolomyja
Delatyn
Peczenizyn
Kosow
Kuty
Visnita
Zabie
Rahovo
Sighet
Vișeu
Teresva
Dubove
Jasinia
Dovhe
Chust
Volovec
Popadia
Pruth
Zastawna
Cotmani
Storozynet
Cuciurul
Herta
Lipcani
Briceni
Securen
Hotin (Khotin)
Edinti
Dorohoi
Sirete
Floresti
Chetrosu
Soroca
Tarnova
Yampol
Peschanka
Tomaspol
Mogilev
Chernevtsi
Kamenets Pod
Nay Ushitsa
Punaevtsi
Husiatyn
Czortkow
Buczacz
Zloczow
Zbaraz
Zaleszczyki
Skala
Volochisk
Proskurov
Yarmolintsi
Derazhnya
Lipovtsi
Ilintsi
Zhmerinka
Bar
Nemirov
Talnoye
Shpola
Zvenigorodka
Chigirin
Smyela
Cherkasi
Zolotonosha
Kanev
Mirovka
Byelaya Tserkov
Ryhishchev
Andrushovka
Polonnoe
Nikopol
Menetovka
Slavuta
Izyaslavl
Krzemieniec
Ostrog
Mizocz
Dubno
Targowica
Hoszcza
Norograd Volinsk
Baranivka
Chernikhov
Radomisl
Makarovo
Korostishev
Khodorkov
Vasilkov
Fastov
Barishevka
Pereyaslavl
Lubni
Piryatin
Priluki
Varva
Ichnya
Borzna
Bakhmach
Nyezhin
Krasnov
Oster
Kozelets
Nosovka
Gogolev
Borodyanka
Ivankov
Dimer
Malin
Tetrev
Narodichi
Ovruch
Slovechno
Tomaszgrod
Lugiki
Korosten
Emilchin
Barashi
Sloch
Olevsk
Sarny
Stepan
Horyn
Berezne
Silno
Rozyszcze
Wlodzimierz
Lokacze
Luck
Styr
Stara
Mosty
Yelsk
Kholniki
Bragin
Kholmyki
Guta
Gorodnya
Snovsk


NORWAY AND SWEDEN
Scale 1 6,000,000
0 50 100 150 200 English Miles
0 50 100 150 200 250 300 Kilometres
ARCTIC OCEAN
ATLANTIC OCEAN
GULF OF BOTHNIA
NORWAY
SWEDEN
FINLAND
LAPLAND
Arctic Circle
London to Hammerfest 1440 miles
LOFOTEN Is
VESTER ÅLEN
Vestfjord
Trondheim
Hammerfest
North Cape
Magerøy
Tromsø
Narvik
Bodø
Kiruna
Luleå
Umeå
Sundsvall
Härnosand
Östersund
Åre
Storsjö
Lycksele
Skellefteå
Piteå
Boden
Haparanda
Torneå
Oulu
Kemi
Rovaniemi
Kuusamo
Salla
Kandalaksha
Murmansk
Kola
Petsamo
Vardø
Vadsø
Hammerfest
Alta Fjord
Kautokeino
Karasjok
Mollis
Kvaløy
Senja
Andøy
Lofoten
Vesterålen
Hinnøy
Austvågøy
Lysfjord
Kabelvåg
Svolvær
Harstad
Narvik
Sortland
Bodø
Saltdal
Fauske
Rognan
Junkerdal
Dönna
Vega
Vikna
Rørvik
Namsos
Grong
Mosjøen
Mo
Hattfjelldal
Vefsn
Velfjord
Mosjoen
Sorsele
Dikanäs
Arvidsjaur
Arjeplog
Jokkmokk
Gällivare
Kiruna
Kvikkjokk
Vastenjaure
Sulitjelma
Saltfjellet
Svartisen
Okstindan
Hamarøy
Tysfjord
Ofotfjorden
Ballangen
Tjeldsund
Andøy
Sortland
Stokmarknes
Risøyhamn
Andenes
Hinnøya
Langøy
Skånland
Bardu
Målselv
Mo
Setermoen
Tromsø
Malangen
Senja
Finnsnes
Gibostad
Lavangen
Salangen
Bardufoss
Kvæfjord
Harstad
Evenskjer
Namsos
Steinkjer
Snåsa
Lurøy
Leka
Rørvik
Ytterøy
Vikna
Nærøy
Rørvik
Grong
Namsos
Flatanger
Vikna
Frosta
Levanger
Trondheim
Stjørdal
Meråker
Tydal
Selbu
Tunnsjø
Holtålen
Røros
Os
Tolga
Alvdal
Folldal
Dovrefjell
Dovre
Oppdal
Rennebu
Orkdal
Agdenes
Hitra
Frøya
Smøla
Kristiansund
Averøy
Rindal
Surnadal
Sunndalsøra
Stangvik
Molde
Romsdal
Fræna
Eide
Nesset
Sunndal
Ålesund
Hareidland
Stattland
Norddal
Stordal
Valldal
Geiranger
Hellesylt
Fiskå
Ørsta
Volda
Hornindal
Nordfjordeid
Stryn
Olden
Loen
Innvik
Gloppen
Sandane
Førde
Florø
Selje
Vadheim
Byrkjelo
Jølster
Skei
Gaupne
Sogndal
Leikanger
Vik
Balestrand
Fjærland
Lærdal
Aurland
Flåm
Gudvangen
Voss
Vossevangen
Granvin
Eidfjord
Ulvik
Hardangerfjord
Hardangervidda
Finse
Geilo
Ustaoset
Hol
Gol
Hemsedal
Nesbyen
Ål
Hallingdal
Flå
Lærdalsøyri
Borgund
Lærdalsøyri
Aurlandsfjord
Sognefjord
Fjærlandsfjord
Nordfjord
Storfjord
Hjørundfjord
Geirangerfjord
Romsdalsfjord
Halten
Trondheimsfjord
Beitstadfjord
Namsenfjord
Folda
Skjerstadfjord
Saltfjord
Ofotfjord
Tysfjord
Vestfjord
Lofoten
Vesterålen
Andfjord
Malangen
Ullsfjord
Lyngenfjord
Kvænangen
Altafjord
Porsangerfjord
Laksefjord
Tanafjord
Varangerfjord
Varangerhalvøy
Vardø
Vadsø
Nyemeskaya
Rybachi
Peninsula
Pechenga
Petsamo
Aleksandrovsk
Murmansk
Kola
Jokanga
Nuorti Jarvi
Suomussalmi
Kuusamo
Salla
Kemijärvi
Kemijoki
Kemi
Tornio
Haparanda
Luleå
Piteå
Skellefteå
Umeå
Örnsköldsvik
Sundsvall
Härnosand
Kramfors
Sollefteå
Ånge
Timrå
Sundsvall
Gävle
Hudiksvall
Söderhamn
Bollnäs
Ljusdal
Hudiksvall
Ljungan
Indalsälven
Ångermanälven
Lule älv
Pite älv
Skellefteå
Umeå
Vindeln
Vindelälven
Storuman
Storumansjö
Tärnaby
Hemavan
Arjeplog
Arvidsjaur
Jokkmokk
Gällivare
Kiruna
Abisko
Riksgränsen
Björnfjell
Rombaks
Narvik
Ofotbanen
Kiruna
Gällivare
Malmbanan
Luleå
Boden
Haparanda
Torneå
Kemi
Rovaniemi
Kemijärvi
Kuusamo
Salla
Kandalaksha
Murmansk
Kola
Petsamo
Vardø
Vadsø
Hammerfest
North Cape
Magerøy
Tromsø
Narvik
Bodø
Kiruna
Luleå
Umeå
Sundsvall
Härnosand
Östersund
Åre
Storsjö
Lycksele
Skellefteå
Piteå
Boden
Haparanda
Torneå
Oulu
Kemi
Rovaniem


NORTH SEA
SKAGERRAK
KATTEGAT
DENMARK
COPENHAGEN
Oland
GOTTLAND
SWEDEN
STOCKHOLM
OSLO
NORWAY
Åland Is
GULF OF BOTHNIA
GULF OF FINLAND
ESTONIA
LATVIA
RIGA
GULF OF RIGA
LITHUANIA
Libau
Memel
KONIGSBERG
Tilsit
WILNO (VILNA)
BALTIC SEA
HELIGOLAND BAY
HELIGOLAND
Fést. Frisian Is
HOLLAND
GERMANY
HAMBURG
BERLIN
Charlottenburg
DANZIG
Gulf of Danzig
PRUSSIA
POLAND
Poznań
Bornholm
Hano B
Christiansand S.
Gothenburg
Aalborg
Aarhus
Esbjerg
Flensburg
Kiel
Lübeck
Rostock
Stettin
Bremen
Hanover
Emden
Helsingfors
Abo
Hangö
Reval
Dorpat
Pernau
Windau
Mitau
Kovno
Grodno
Suwalki
Lomza
Ostrolenka
Plock
Pultusk
Thorn
Bromberg
Posen
Gnesen
Kolberg
Stolp
Lauenburg
Pillau
Memel
Libau
Windau
Riga
Dünaburg
Wilna
Grodno
Bialystok
Brest Litovsk
Lemberg
Przemysl
Jaroslau
Tarnow
Cracow
Kielce
Radom
Lublin
Siedlce
Warsaw
Ivangorod
Petrikau
Skierniewice
Lodz
Kalisch
Konin
Thorn
Inowrazlaw
Gniezno
Wreschen
Posen
Frankfort
Cottbus
Sagan
Glogau
Liegnitz
Breslau
Oppeln
Ratibor
Kattowitz
Myslowitz
Sosnowice
Dombrowa
Olkusz
Kielce
Radom
Ivangorod
Warsaw
Plock
Mlawka
Przasnysz
Ostrolenka
Lomza
Suwalki
Kovno
Wilna
Grodno
Bialystok
Brest Litovsk
Pinsk
Kobryn
Drohiczyn
Siedlce
Pultusk
Ostrolenka
Przasnysz
Mlawka
Soldau
Neidenburg
Lyck
Johannisburg
Rastenburg
Allenstein
Mohrungen
Marienwerder
Graudenz
Neumark
Briesen
Strasburg
Culm
Schwetz
Bromberg
Thorn
Inowrazlaw
Gnesen
Wreschen
Posen
Meseritz
Schwiebus
Cross


NORWAY
SWEDEN
DENMARK
NORTH SEA
Skagerrak
Kattegat
Sogne Fjord
Hardanger Fjord
Bergen
Stavanger
Kristiansand S.
Oslo
Oslo Fjord
Aalborg
Aarhus
Esbjerg
Fredericia
Kolding
Odense
Samsø
Læsø
Anholt
Skagen
The Skaw
Frederikshavn
Hjørring
Thisted
Viborg
Ringkjøbing
Vejle
Horsens
Randers
Grenaa
Fornæs
Hadsund
Mariager Fd
Hobro
Lemvig
Skive
Lemvig
Lim Fd
Løgstør
Sundby
Jammer B.
Hanstedt
Sæby
Tversted
Ebeltoft
Aarhus
Skanderborg
Ringkjøbing Fd
Skjern
Varde
Blaavands Huk
Fanø
Ribe
Great Belt
Langeland
Lolland
Falster
Sjælland (Zealand)
Amager
The Sound
Helsingør
Helsingborg
Fredriksborg
Frederikssund
Kjøbenhavn (Copenhagen)
Roskilde
Holbæk
Kallundborg
Korsør
Sorø
Nyborg
Svendborg
Nakskov
Stege
Ise Fd
Selro B.
Gilleleje
Laholm B.
Skælder B.
Halmstad
Varberg
Falkenberg
Ullared
Göteborg
Marstrand
Kungälv
Lysekil
Uddevalla
Tanum
Strömstad
Fredrikstad
Sarpsborg
Halden
Moss
Vestfold
Skien
Porsgrund
Brevik
Risør
Tvedestrand
Arendal
Grimstad
Lillesand
Mandal
Lindesnes (The Naze)
Farsund
Flekkefjord
Egersund
Stavanger
Sandnes
Haugesund
Karmøy
Bokn Fd
Josen Fd
Lysefjord
Hogsfjord
Nedstrand
Sandeid
Bømlo
Bømla Fd
Selbo Fd
Stord
Fonna
Folgefonn
Odda
Roldal
Vidda
Hardanger
Voss
Evanger
Dale
Eide
Vik
Jokelen
Gudvangen
Aurland
Flåm
Lærdalselva
Tyin S.
Årdal
Sogndal
Balholm
Balestrand
Leikanger
Marifjøra
Dalsfd
Vadheim
Hyllestad
Lavik
Solund
Husøy
Gulen
Fenn
Lindås
Oksenøy
Bjorne Fd
Fjærlandsfjord
Sørfjord
Oddefjord
Tysnes
Oystese
Os
Lurefjord
Sotra
Lavik
Ulvik
Eidfjord
Hardangerjøkelen
Hellingskarvet
Hol
Geilo
Torpe
Hallingdal
Gol
Aurdal
Fagernes
Valdres
Sperillen S.
Sorum
Rands Fj.
Krøderen S.
Krøderen
Hen
Honefoss
Nore
Mår V.
Møsvand
Totak
Gausta
Tinnoset
Tinn
Lågen
Moelv
Vikesund
Hokksund
Drammen
Asker
Oslo
Oieren S.
Ordrupvand
Eidsfoss
Hvitsten
Holmestrand
Horten
Tønsberg
Sandefjord
Larvik
Fredriksvern
Langesund
Porsgrunn
Skien
Nisser V.
Kviteseid
Treungen
Seljord
Dalen
Lårdal
Bykle
Brunkeberg
Notodden
Kongsberg
Flaa V.
Hjelmeland
Suldal
Sauda
Fjerdal
Fjerdalsvatn
Jøsenfjord
Byglandsfjord
Bygland
Åmli
Evje
Svenes
Otra
Kile
Topdalsfjord
Nidelv
Mandals
Vennesla
Kristiansand
Arendal
Risør
Tvedestrand
Grimstad
Lillesand
Farsund
Mandal
Lindesnes
Egersund
Flekkefjord
Lista Fd
Stavanger
Sandnes
Jøsenfjord
Lysefjord
Hogsfjord
Nedstrand
Karmøy
Bokn Fd
Haugesund
Sandeid
Bømlo
Bømla Fd
Selbo Fd
Stord
Fonna
Folgefonn
Odda
Roldal
Vidda
Hardanger
Voss
Evanger
Dale
Eide
Vik
Jokelen
Gudvangen
Aurland
Flåm
Lærdalsøra



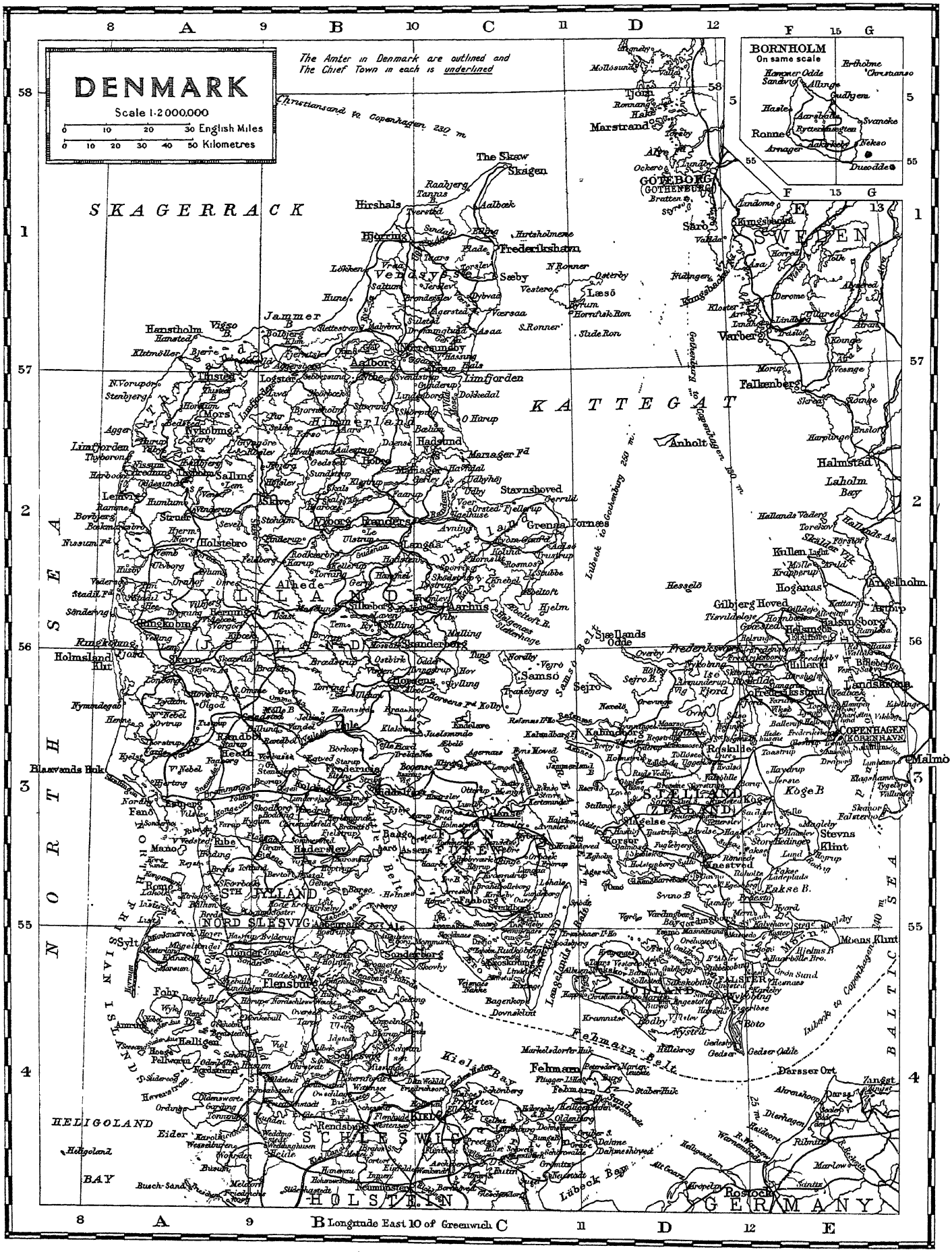
SOUTHERN NORWAY AND SOUTHERN SWEDEN

Scale 1 3,000,000

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0 20 40 60 80 100 120 Kilometres

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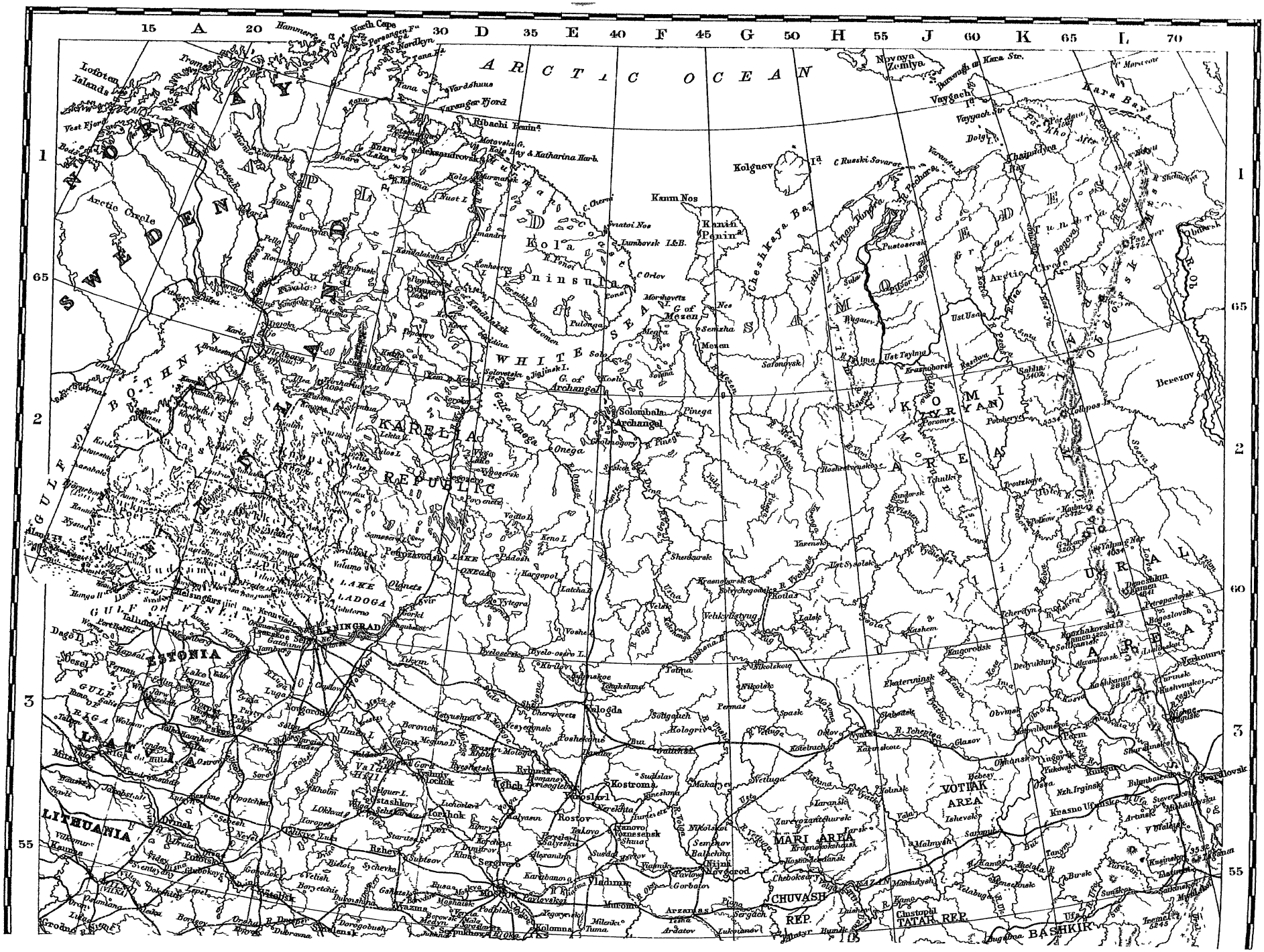


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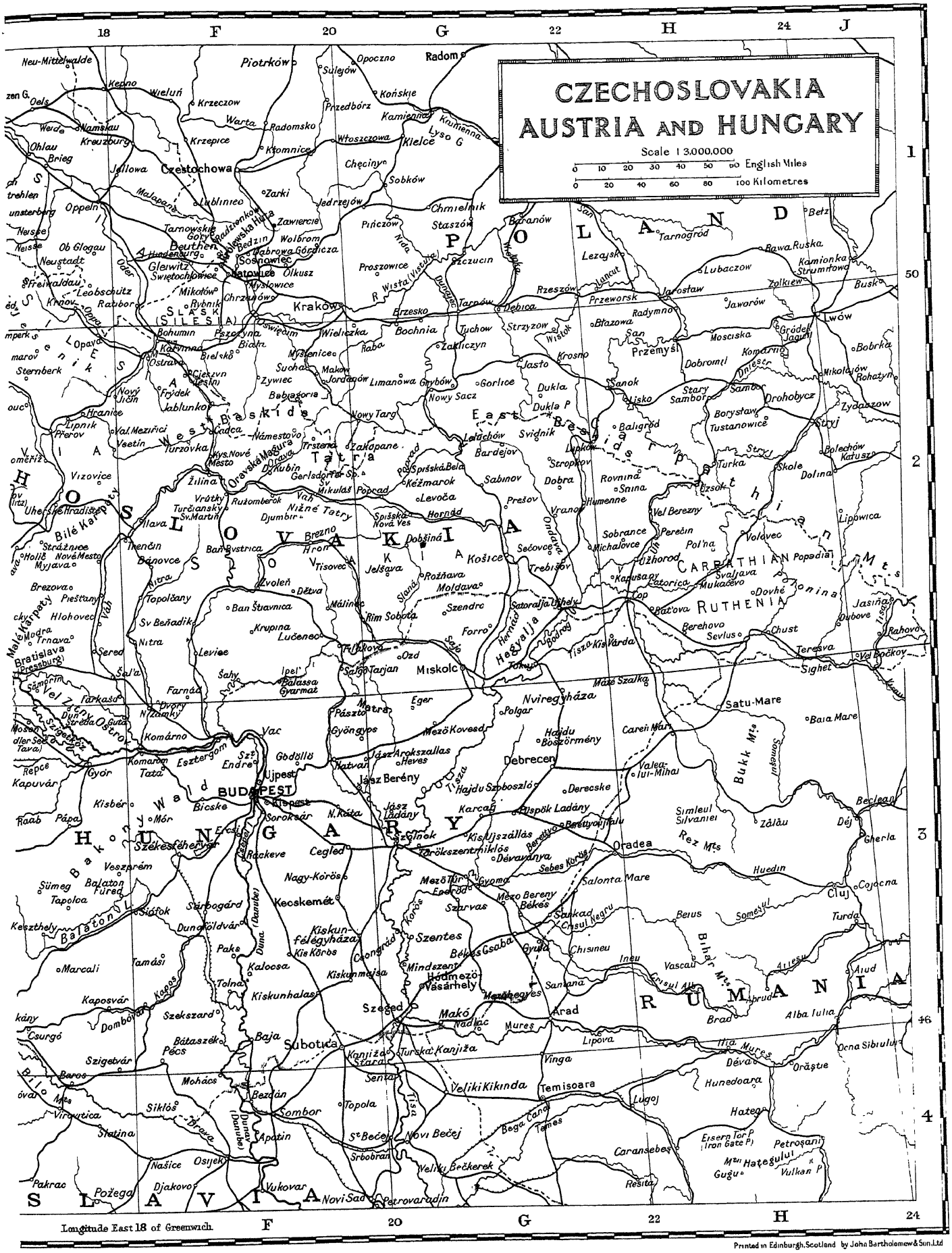


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15 A 20 30 D 35 E 40 F 45 G 50 H 55 J 60 K 65 L 70
ARCTIC OCEAN
NORWAY
SWEDEN
FINLAND
Lofoten Islands
North Cape
Hammerfest
Tromsø
Vardhuus
Varanger Fjord
Arctic Circle
Nordkyn
Ribachi Penin.
Novaya Zemlya
Vaygach I.
Kara Sea
Kolguev I.
Kanin Nos
Kanin Penin.
Kola Peninsula
Kola Bay
Murmansk
Kandalaksha
Kem
Onega
Archangel
Solombala
Pinega
KARELIA
REPUBLIC
WHITE SEA
Gulf of Archangel
Gulf of Onega
Mezen
Pechora
Chesh-kaya Bay
Arctic Circle
Ust Usa
Ust Tsilma
Vorkuta
Inta
Pechora
Ukhta
Sosnogorsk
Syktyvkar
KOMI (ZYRYAN) REPUBLIC
Kotlas
Petrozavodsk
LAKE ONEGA
LAKE LADOGA
Ladoga
Onega
Svir
Volga
Rybinsk
Yaroslavl
Kostroma
Nizhni Novgorod
Gorkiy
Kirov
Kilmez
Vyatka
Kazan
Cheboksary
Yoshkar-Ola
MARI AREA
CHUVASH REP.
TATAR REP.
Ulyanovsk
Samara
Togliatti
Tolyatti
Chistopol
VOTIAK AREA
Izhevsk
Sarapul
Perm
Kungur
Solikamsk
Berezniki
Ufa
BASHKIR
Sverdlovsk
Nizhni Tagil
Chelyabinsk
Magnitogorsk
Orenburg
Buguruslan
Buzuluk
Kuybyshev
Saratov
Balakovo
Engels
Volgograd
Stalingrad
Arzamas
Gorkiy
Murom
Vladimir
Ryazan
Kolomna
Moscow
Podolsk
Serpukhov
Tula
Aleksin
Kaluga
Obninsk
Borovsk
Maloyaroslavets
Mozhaysk
Gzhatsk
Vyazma
Smolensk
Dorogobuzh
Yelnya
Roslavl
Bryansk
Klintsy
Novozybkov
Gomel
Mogilev
Orsha
Vitebsk
Polotsk
Velikiye Luki
Rzhev
Kalinin
Torzhok
Tver
Staritsa
Kholm
Lovat R.
Valdai Hills
Novgorod
Chudovo
Tikhvin
Volkhov
Leningrad
Gulf of Finland
Lake Ilmen
Lake Peipus
Pskov
Narva
Tallinn
Estonia
Latvia
Riga
Gulf of Riga
Lithuania
Vilnius
Kaunas
Klaipeda
Memel
Gulf of Danzig
Baltic Sea
Gulf of Bothnia
Aland Is.
Helsingfors
Abo
Hangö
Lappeenranta
Vyborg
Petsamo
Kirkenes
Murmansk
Kandalaksha
Kem
Onega
Archangel
Mezen
Pechora
Vorkuta
Inta
Ukhta
Sosnogorsk
Syktyvkar
Kotlas
Petrozavodsk
Lake Onega
Lake Ladoga
Svir
Volga
Rybinsk
Yaroslavl
Kostroma
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Baltic Sea
Gulf of Bothnia
Aland Is.
Helsingfors
Abo
Hangö
Lappeenranta
Vyborg
Petsamo
Kirkenes
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RUSSIA
AND FINLAND
Scale 1:10,000,000
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0 50 100 200 300 Kilometres
Longitude East 40 of Greenwich
BLACK SEA
SEA OF AZOV
CASPIAN SEA
WHITE RUSSIA
UKRAINE
MOLDAVIA REP.
CRIMEAN REP.
ADYGEISK AUT. AREA
CHERKESS NAT. REGION
KARACHAEVSK AUT. AREA
KABARDINO BALKAR AUT. AREA
CHECHEN AREA
ABKHAZIA REP.
GEORGIA
TRANSCAUCASIA
AZERBAIJAN
NAGORNY KARABAKH
GERMAN REPS. OF THE VOLGA
MORDOVSK AREA
KALMYK AREA
NORTH CAUCASIAN AREA
TURKMEN REPUBLIC
Moscow
Leningrad
Kiev
Odessa
Sevastopol
Kharkov
Rostov
Volgograd
Astrakhan
Baku
Derbent
Trabzon
Constantinople
Bosporus
Black Sea
Caspian Sea
Gulf of Karabugas
Mouths of the Volga
Mouths of the Danube
Sea of Azov
Crimean Peninsula
Caucasus Mts.
Mt. Elbrus 18468
Mt. Ararat 16916
Mt. Kazbek 16546
Mt. Dykh-tau 17070
Mt. Koshtan-tau 16877
Mt. Shkhara 17040
Mt. Dongus-orun 16627
Mt. Tetnuld 14921
Mt. Ushba 15410
Mt. Kasbek 16546
Mt. Demir-kapu 14436
Mt. Bazardyuzi 14722
Mt. Tufan 14722
Mt. Kyzyl-kaya 14722
Mt. Kara-dag 14722
Mt. Kyzyl-dag 14722
Mt. Kyzyl-kaya

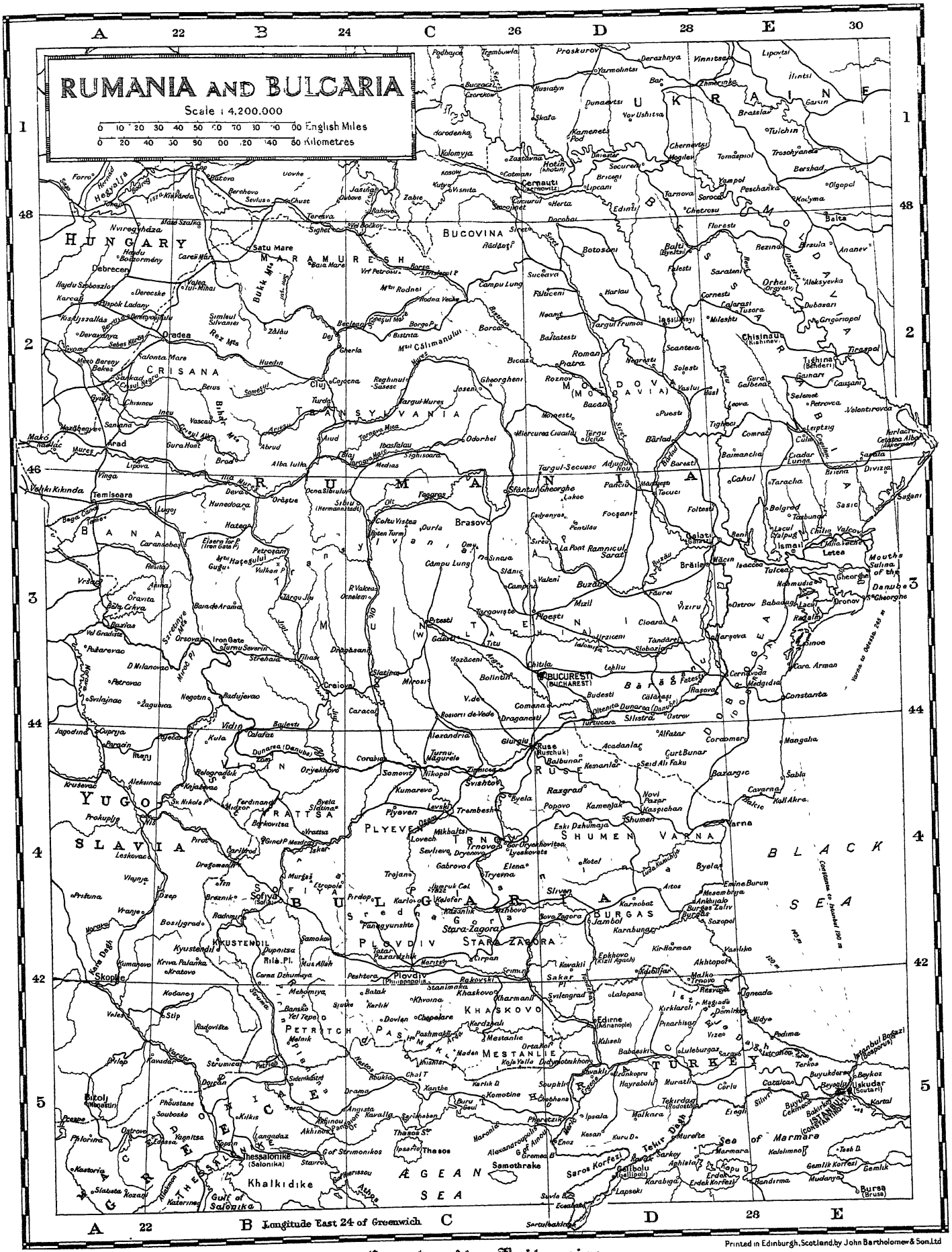

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16
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48
50
46
GERMANY
Leipzig
Dresden
Breslau
Liegnitz
Görlitz
Frankfurt
Cottbus
Zittau
Riesengebirge
Erzgebirge
Fichtelgebirge
Thüringer Wald
Harz
Frohnleiten
Coburg
Würzburg
Bamberg
Bayreuth
Nürnberg
Fürth
Erlangen
Regensburg
Straubing
Landshut
Passau
Augsburg
Ulm
München
(Munich)
Ingolstadt
Rosenheim
Salzburg
Innsbruck
Kufstein
Reichenhall
Berchtesgaden
Hallein
Zell am See
Bregenz
Lindau
Immenstadt
Kempten
Füssen
Garmisch-Partenkirchen
Oberammergau
Mittenwald
Algäuer Alps
Lech Thal
Inn Thal
Salzach Thal
Pinzgau
Pongau
Hohe Tauern
Niedere Tauern
Mur Thal
Enns Thal
Ötzthaler Alps
Silvretta
Brenner P.
Gr. Glockner
Tirol
Vorarlberg
Salzburg
Upper Austria
Lower Austria
Styria
Carinthia
Carniola
Klagenfurt
Villach
Lavamund
Leoben
Bruck
Graz
Maribor
Ptuj
Celje
Ljubljana
Kranj
Jesenice
Karawanken
Caravanke
Gail Thal
Drau
Mur
Enns
Steyr
Linz
Wels
Amstetten
Melk
Krems
Wien
(Vienna)
Baden
Wiener Neustadt
Semmering
Mürzzuschlag
Eisenerz
Prebichl
Hieflau
Admont
Radstadt
Tauern Tunnel
Katschberg
Gmünd
Spittal
Lienz
Pustertha
Brenner
Innsbruck
Landeck
Imst
Bludenz
Feldkirch
Arlberg P.
Dornbirn
Bregenz
Rhine
Lake Constance
Bodensee
Lake Garda
Lago di Garda
Lago d'Iseo
Lago di Como
Lago Maggiore
Lago di Lugano
Gulf of Venice
Venezia
(Venice)
Padua
Verona
Vicenza
Brescia
Trento
Bolzano
Merano
Bozen
Dolomites
Venetian Alps
Julian Alps
Friuli
Udine
Gorizia
Trieste
Gulf of Trieste
Istria
Fiume
Rijeka
Zagreb
Varaždin
Čakovec
Nagy-Kanizsa
Szombathely
Kőszeg
Sopron
Eisenstadt
Neusiedler See
Mattsee
Wolfgangsee
St. Wolfgang
Attersee
Traunsee
Gmunden
Ischl
Hallstatt
Aussee
Liezen
Admont
Mariazell
Semmering
Wechsel
Schneeberg
Rax
Hochschwab
Dachstein
Totes Gebirge
Ennstaler Alps
Steirisches Salzkammergut
Salzkammergut
Tyrol
Vorarlberg
Salzburg
Upper Austria
Lower Austria
Styria
Carinthia
Carniola
Burgenland
Hungary
Yugoslavia
Czechoslovakia
Bohemia
Moravia
Silesia
Prague
(Praha)
Plzeň
(Pilsen)
České Budějovice
Budweis
Linz
Steyr
Wels
Enns
Amstetten
Melk
Krems
Wien
(Vienna)
Baden
Wiener Neustadt
Brno
(Brünn)
Olomouc
Ostrava
Opava
Jihlava
Znojmo
Hodonín
Břeclav
Mikulov
Poysdorf
Laa
Hollabrunn
Korneuburg
Klosterneuburg
Tulln
Krems
Stockerau
Mistelbach
Gänserndorf
Marchfeld
Neusiedler See
Sopron
Eisenstadt
Rust
Mattsee
Wolfgangsee
St. Wolfgang
Attersee
Traunsee
Gmunden
Ischl
Hallstatt
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Admont
Mariazell
Semmering
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Dachstein
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Ennstaler Alps
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(Brünn)
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Znojmo
Hodonín
Břeclav
Mikulov
Poysdorf
Laa
Hollabrunn
Korneuburg
Klosterneuburg
Tulln
Krems
Stockerau
Mistelbach
Gänserndorf
Marchfeld


CZECHOSLOVAKIA
AUSTRIA AND HUNGARY
Scale 1 3,000,000
0 10 20 30 40 50 60 English Miles
0 20 40 60 80 100 Kilometres
18 F 20 G 22 H 24 J
1 50 2 3 4 46
Longitude East 18 of Greenwich.
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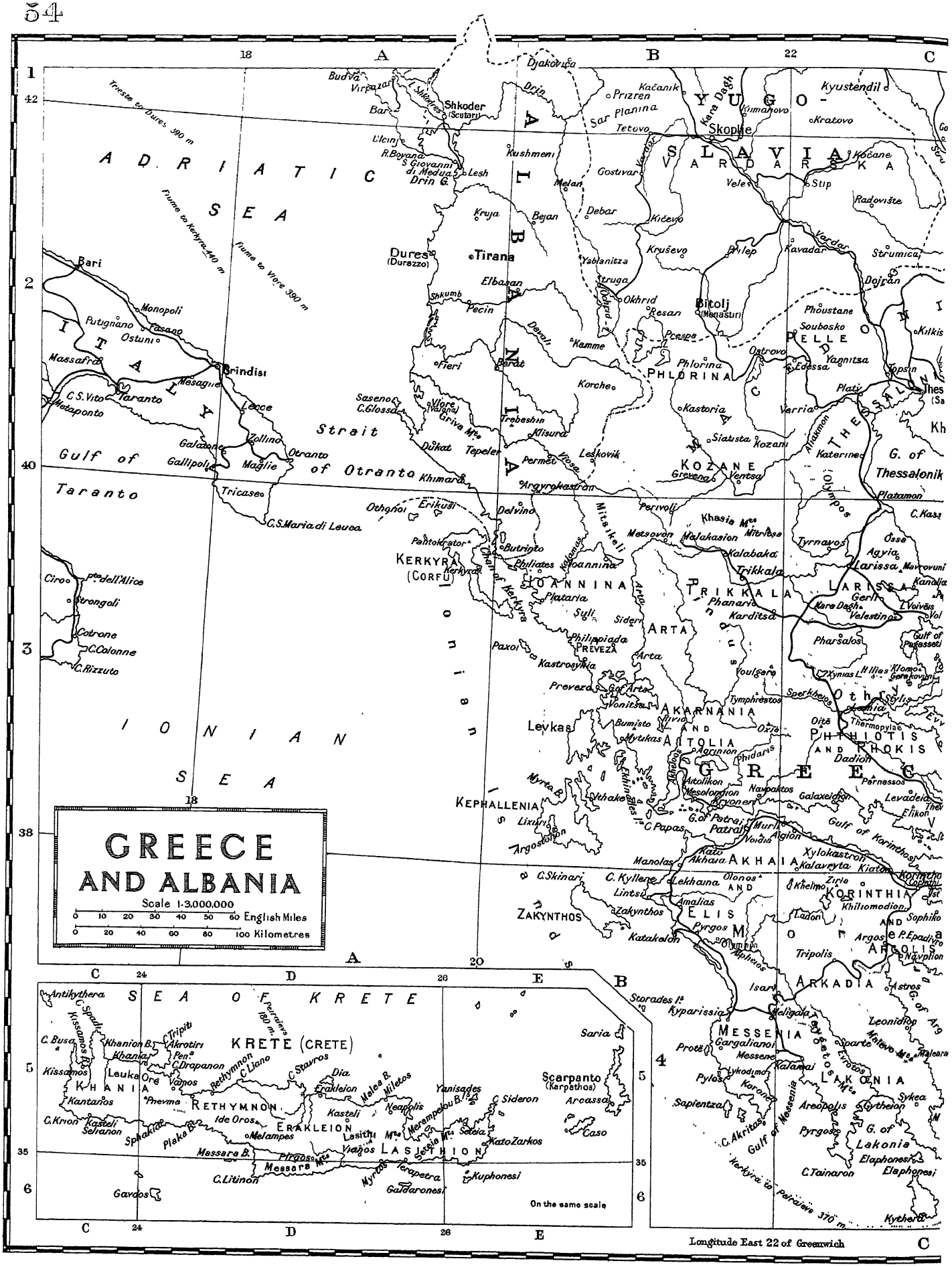


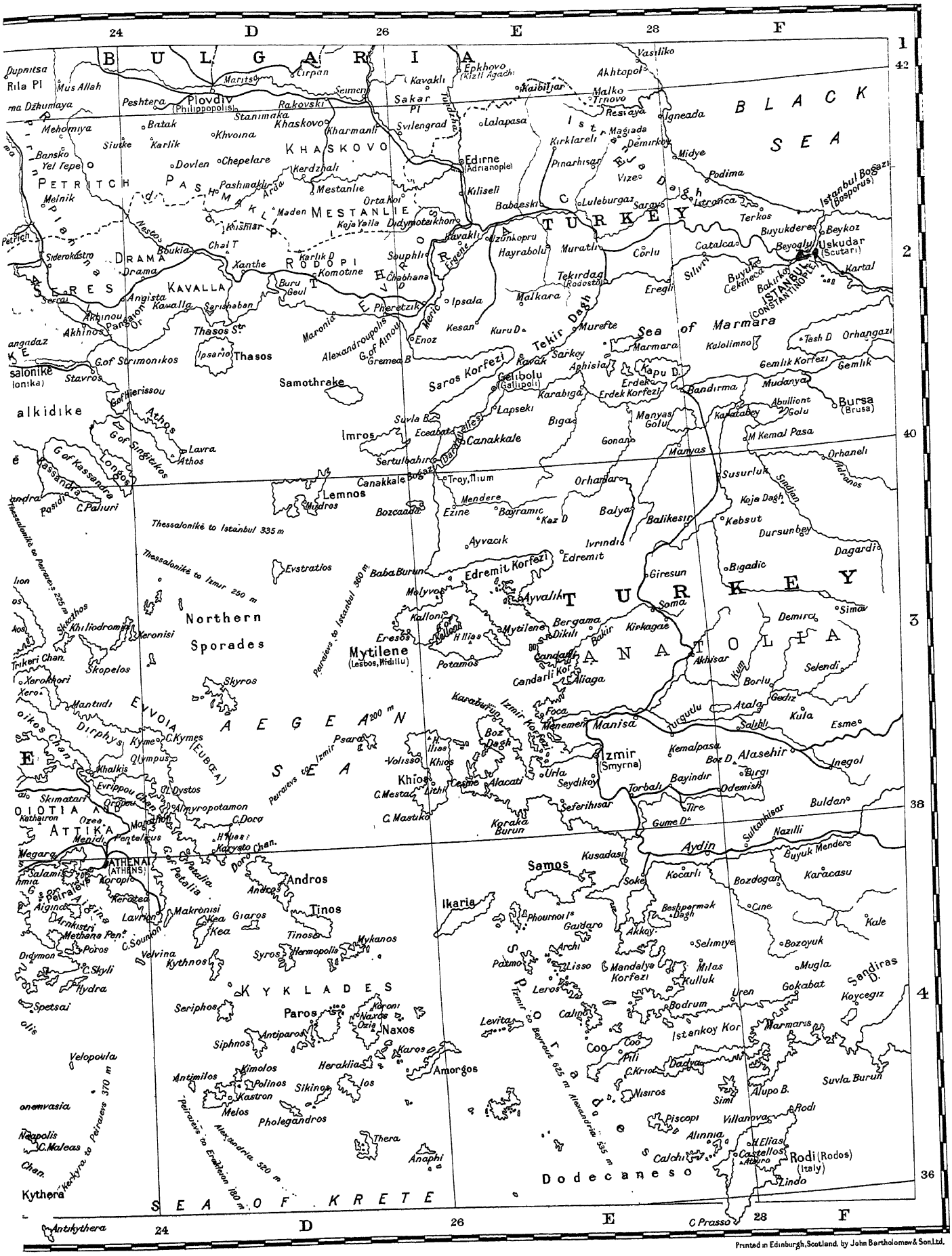
Encyclopaedia Britannica

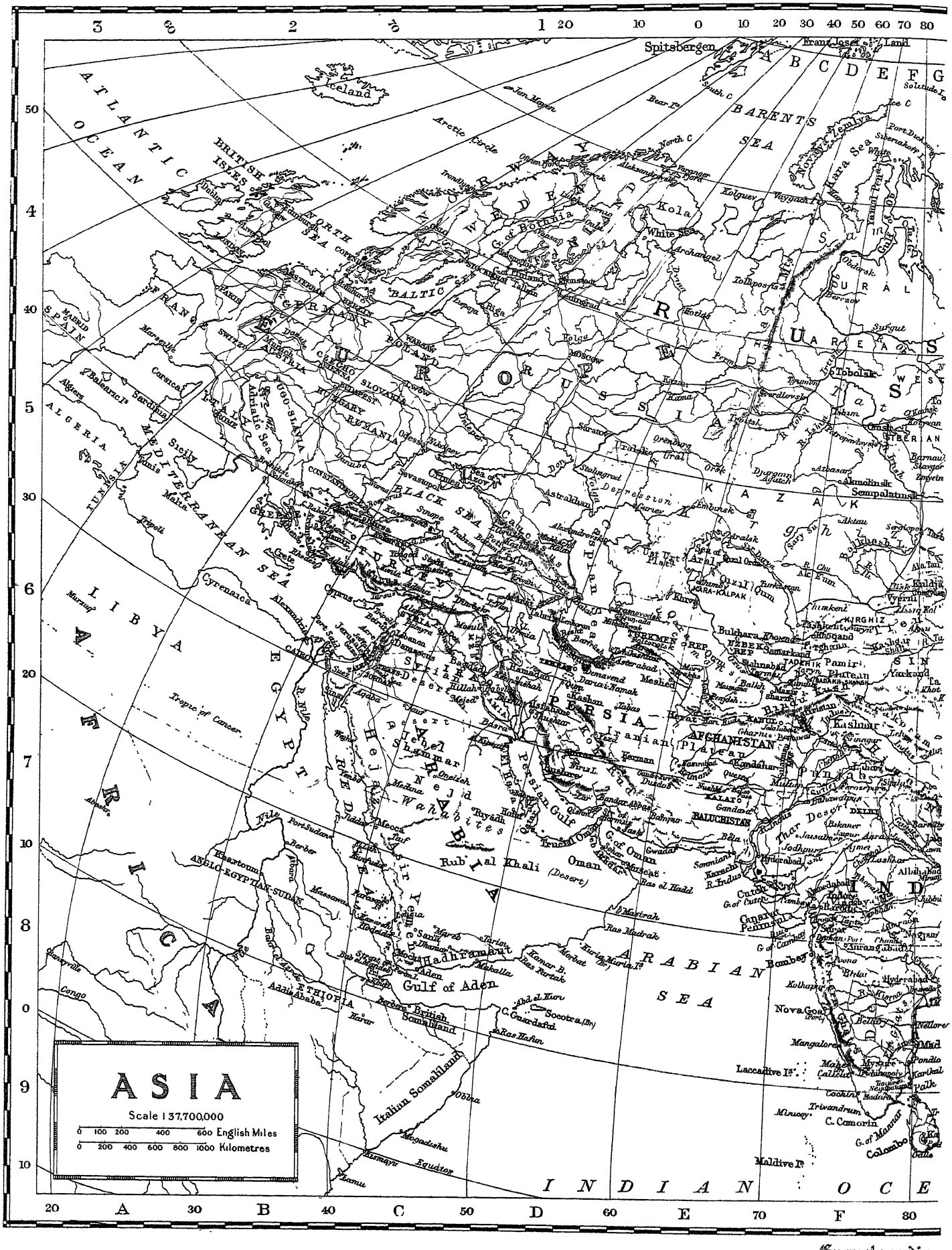
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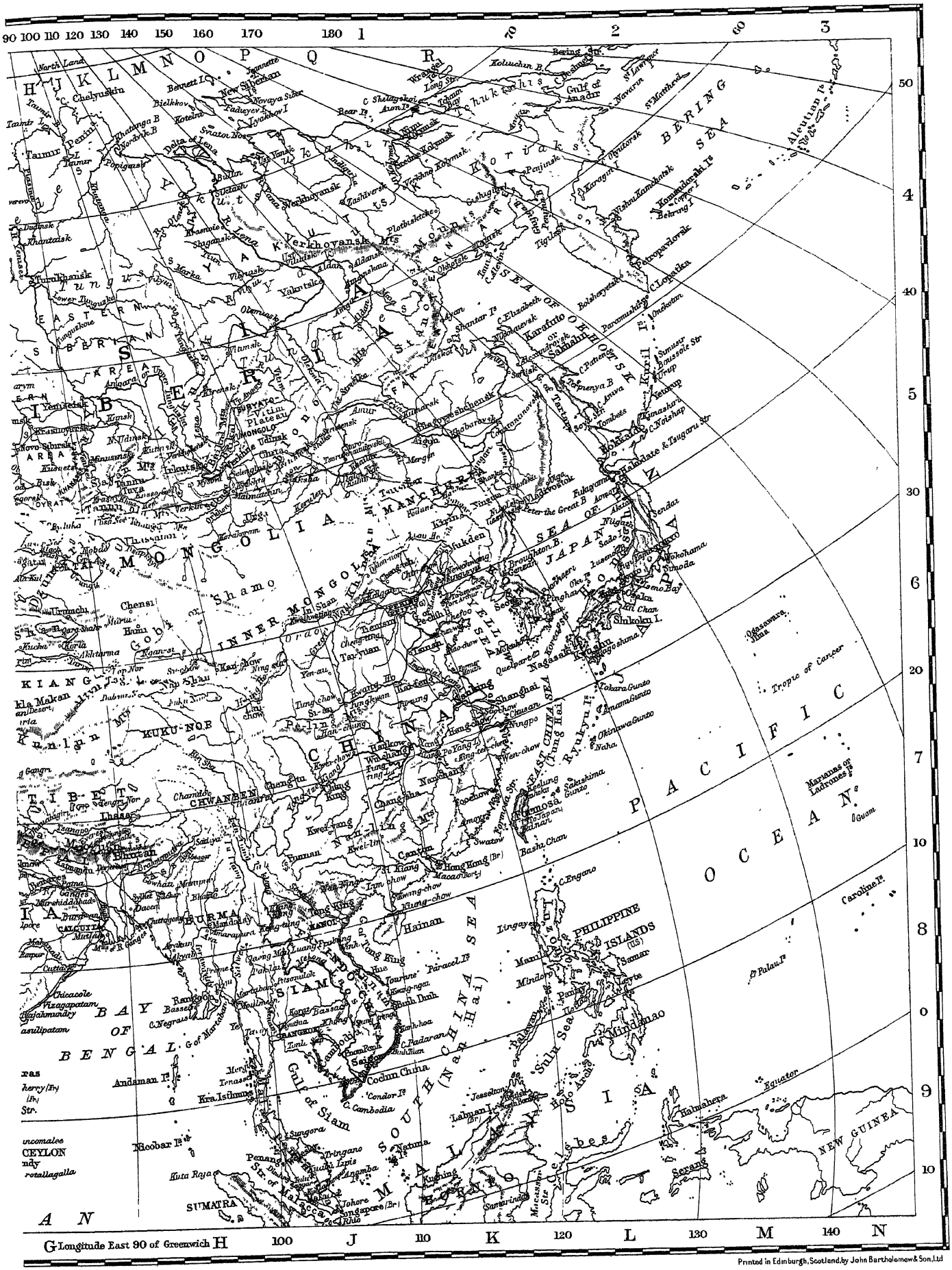


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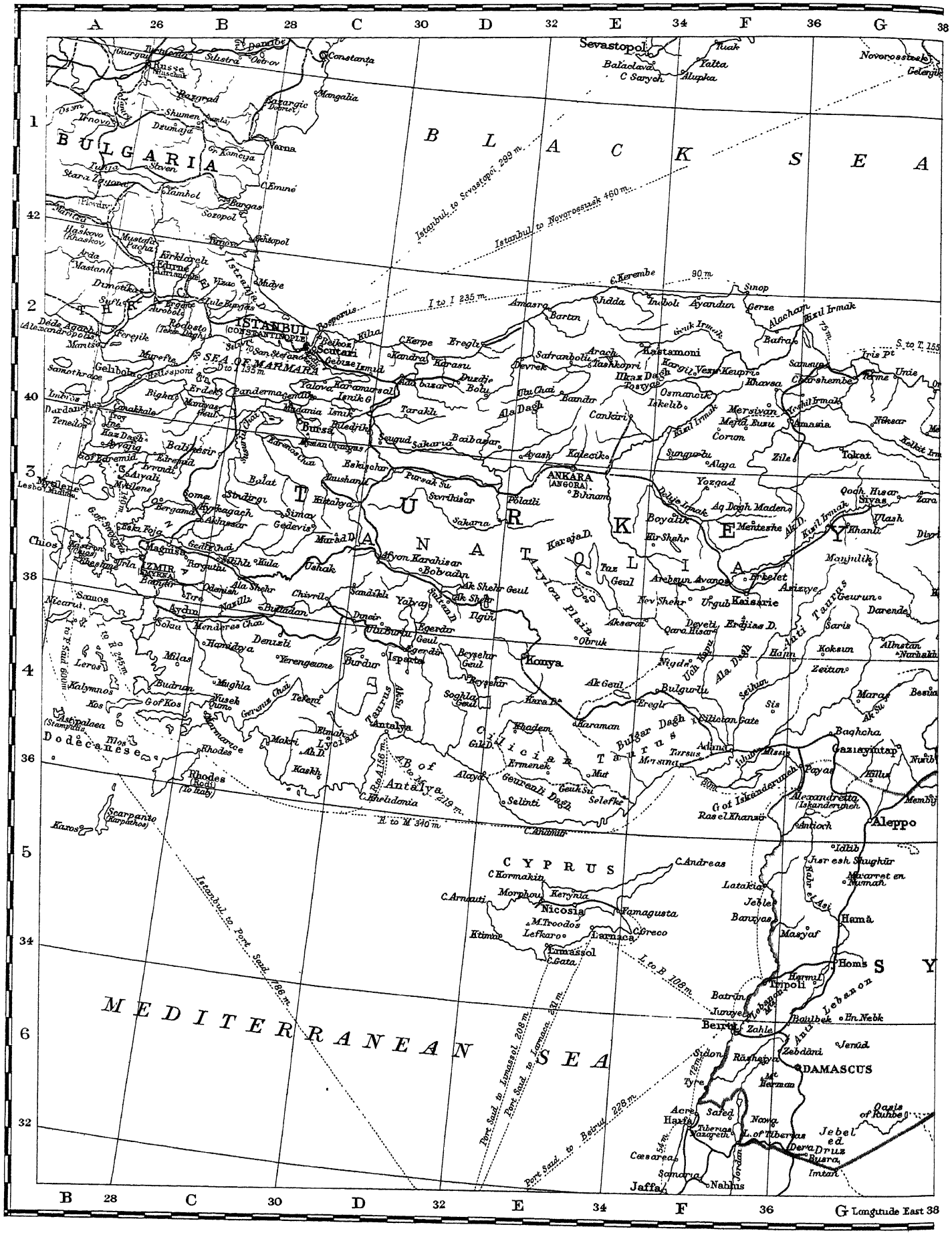

GREECE
AND ALBANIA
Scale 1:3,000,000
0 10 20 30 40 50 60 English Miles
0 20 40 60 80 100 Kilometres
ADRIATIC SEA
IONIAN SEA
SEA OF KRETE
ALBANIA
YUGOSLAVIA
ITALY
GREECE
Strait of Otranto
Gulf of Taranto
Ionian Sea
Shkoder
Tirana
Dures (Durazzo)
Bari
Brindisi
Taranto
Leuca
Gallipoli
Otranto
Tricase
C.S.Maria di Leuca
Fiume to Kerkyra 240 m
Fiume to Vlore 390 m
Trieste to Dures 390 m
Perrotino 180 m.
Kerkyra to Peraievo 370 m.
Skoplje
Prizren
Kačanik
Kyustendil
Kumanovo
Kratovo
Tetovo
Gostivar
Veles
Stip
Radoviste
Kocane
Strumica
Dojran
Kilkis
Bitolj (Menastir)
Resan
Okhrid
Struga
Yablanitza
Kruševo
Prilep
Kavadar
Vardar
Kičevo
Debar
Kruja
Bejan
Elbasan
Pecin
Fieri
Berat
Devoli
Kamme
Korche
Kastoria
Ostrovo
Edessa
Yannitsa
Phoustane
Soubosko
PELLE
PHLORINA
Phlorina
Vlore
Grliva Mts
Trebeshin
Klisura
Dukat
Tepelen
Permeti
Vrose
Leskovik
Siatista
Kozani
KOZANE
Grevena
Ventsa
Verria
Katerine
Platy
Thessaloniki
G. of Thessaloniki
Olympos
Platamon
C. Kassandra
Perivoli
Khasia Mts
Metsovon
Malakasion
Kalabaka
Trikkala
PRIKKALA
Tyrnavos
Larissa
LARISSA
Agyia
Gerli
Velestino
Karditsa
Phanarion
Pharsalos
Gulf of Pagasseti
Volos
Othrys
Oiti
Thermopylae
PHTHIOTIS AND PHOKIS
Dadion
Parnassos
Galaxeidion
Levadeia
Eikon
Gulf of Korinthos
Patrai
G. of Patrai
Murtzi
Voidia
Aigion
Xylokastron
Kalavryta
Kiaton
Korinthos (Corinth)
KORINTHIA
Khelmo
Khiliomodion
Ladon
Sophiko
Argos
Tripolis
Navplion
ARGOLIS
ARKADIA
Astros
Leonidion
Sparta
Evrotas
Malevo Mts
Maleara
Gulf of Arg
Storades Is.
Kyparissia
Meligala
Messenia
Gargalianoi
Messene
Kalamai
Pylos
Navarino
Koroni
Sapientza
LAKONIA
Taygetos Mts
Areopolis
Sykea
Kythera
Pyrgos
G. or Lakonia
Elaphonesi
C. Tainaron
C. Akritas
Gulf of Messenia
Kythera
Ionian Islands
Levkas
Bumisto
Myrtikas
AITOLIA AND AKARNANIA
Agrinion
Phidaris
Oxia
Artolikon
Mesolongion
Navpaktos
Galaxeidion
Ithaki
Ithaki Is.
Myrta B.
Dexa
Kephallenia
Argostolion
Lixouri
C. Papas
Zakynthos
Zakynthos
Katakalon
Olympia
Lekhaina
Lintsi
Amalias
Olonos
ELIS AND ACHAIA
Manolas
Akhaia
C. Kyllene
C. Skinari
Aplinos
Isari
Antikythera
C. Spathi
Kissamos B.
Khania
Khanion B.
Akrotiri Pen.
Tripiti
C. Drapanon
Rethymnon
C. Liano
C. Stavros
Dia
Frakleion
Malea B.
Milatos
Yanisades
Neapolis
Merampelou B.
C. Sideron
Arcassa
Scarpanto (Karpathos)
Saria
Caso
Kato Zarkos
Setaia
Sitia
Lasithion
Viannos
Lesithi Mts
Ierapetra
Gaidaronesi
Kuphonesi
Messara B.
Messara
Pirgos Mts
Myrtos
C. Litinon
Gavdos
Kasteli
Selinanon
Sphakia
Plaka B.
Ide Oros
Melampes
Kantanos
Pnevma
Vamos
Leuka Ore
Kissamos
C. Krion
C. Busa
KRETE (CRETE)
KHANIA
RETHYMNON
ERAKLEION
LASITHION
On the same scale
Longitude East 22 of Greenwich


BULGARIA
BLACK SEA
TURKEY
Sea of Marmara
ANATOLIA
AEGEAN SEA
SEA OF KRETE
Dodecaneso
KYKLADES
PETRITCH PASS
KHASKOVO
MESTANLIE
RODOPI
DRAMA
KAVALLA
SERES
Plovdiv (Philippopolis)
Edirne (Adrianople)
Istanbul (Constantinople)
Uskudar (Scutari)
Bursa (Brusa)
Canakkale
Gelibolu (Gallipoli)
Mytilene (Lesbos, Mitilli)
Izmir (Smyrna)
Manisa
Aydin
Samos
Ikaria
Andros
Tinos
Paros
Naxos
Amorgos
Thera
Anaphi
Rodi (Rodos) (Italy)
Lindo
Thasos
Samothrake
Lemnos
Imros
Northern Sporades
Skyros
Evvoia (Euboea)
Khios
Andros
Tinos
Mykonos
Syros
Paros
Naxos
Amorgos
Ikaria
Samos
Rodi
Dodecaneso
ATTIKA
ATHENAI (ATHENS)
Peiraieus
Salamis
Megara
Aigina
Methana Pen.
Hydra
Spetsai
Poros
Kythera
Antikythera
Kythnos
Seriphos
Siphnos
Kimolos
Polinos
Sikinos
Ios
Melos
Pholegandros
Antimilos
Velopoula
Kastron
Heraklia
Karos
Koroni
Ozia
Levita
Phournoi Is
Gaidaro
Patmos
Lisso
Leros
Kalymnos
Kos
Nisiros
Simi
Piscopi
Alinnia
Castellorizo
Alupo B.
Suvla Burun
Cape Prasso
Thessaloniké to Istanbul 335 m
Thessaloniké to Izmir 250 m
Thessaloniké to Peiraeus 225 m
Peiraieus to Istanbul 360 m
Izmir to Beyrout 625 m
Peiraieus to Alexandria 535 m
Peiraieus to Alexandria 520 m
Peiraieus to Kerkyra 370 m
Peiraieus to Iraklion 180 m
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Britannica


ASIA
Scale 1:37,700,000
0 100 200 400 600 English Miles
0 200 400 600 800 1000 Kilometres
Spitsbergen
Franz Josef Land
Iceland
ATLANTIC OCEAN
BRITISH ISLES
NORTH SEA
BARENTS SEA
Novaya Zemlya
Kara Sea
SCANDINAVIA
FINLAND
Kola
White Sea
Archangel
Gulf of Bothnia
BALTIC SEA
EUROPEAN RUSSIA
URAL MTS.
SIBERIA
Tobolsk
Omsk
Barnaul
Akmolinsk
Semipalatinsk
KAZAKH
Aralsk
Sea of Aral
Kuldja
Vyernii
KIRGHIZ
Tashkent
Khokand
Samarkand
Bukhara
Pamir Plateau
Yarkand
Kashgar
Kashmir
AFGHANISTAN
Kandahar
Herat
Meshed
PERSIA
Persian Gulf
Iranian Plateau
BALUCHISTAN
Gwadar
Muscat
Oman
Rub al Khali (Desert)
Ras el Hadd
Ras Madrakh
Hadhramaut
Gulf of Aden
Aden
Socotra (Br.)
C. Guardafui
Ras Hafun
ARABIAN SEA
INDIA
Bombay
Nova Goa
Laccadive Is.
Maldive Is.
C. Comorin
Colombo
Cochin
Madras
Calcutta
Delhi
Lahore
Karachi
Hyderabad
Jodhpur
Jaipur
Agra
Allahabad
Kanpur
Lucknow
Gwalior
Nagpur
Bangalore
Mysore
Pondicherry
Trivandrum
Ceylon
EGYPT
LIBYA
Cyrenaica
Tripoli
Malta
Sicily
ALGERIA
TUNISIA
MEDITERRANEAN SEA
Cairo
Alexandria
Port Said
Suez
Nile R.
Khartoum
ANGLO-EGYPTIAN SUDAN
Port Sudan
Berber
Atbara
ETHIOPIA
Addis Ababa
Harar
British Somaliland
Italian Somaliland
Mogadishu
Kismayu
Equator
Congo
Lake Victoria
Lake Tanganyika
Lake Nyasa
Zambezi
Mozambique
Madagascar
Tropic of Cancer
Arctic Circle
Syrian Desert
Arabian Desert
Nejd
Wahabites
Riyadh
Mecca
Medina
Jidda
Hejaz
Asir
Yemen
Sanaa
Aden
Mukalla
Hodeida
Basra
Baghdad
Mosul
Euphrates R.
Tigris R.
Persian Gulf
Caspian Sea
Black Sea
Sea of Azov
Crimea
Sevastopol
Odessa
Kherson
Dnieper R.
Don R.
Volga R.
Stalingrad
Astrakhan
Ural R.
Orsk
Orenburg
Samara
Saratov
Kazan
Perm
Sverdlovsk
Tyumen
Ishim
Irtish R.
Ob R.
Surgut
Obdorsk
Yenisei R.
Lena R.
Yakutsk
Verkhoyansk
Kolyma R.
Irkutsk
Lake Baikal
Gobi Desert
Mongolia
Manchuria
Harbin
Mukden
Port Arthur
Vladivostok
Korea
Japan
Sea of Japan
Yellow Sea
China Sea
Formosa
Hong Kong
Canton
Shanghai
Nanking
Peking
Tientsin
Hankow
Yangtze R.
Yellow R.
Burma
Rangoon
Mandalay
Irrawaddy R.
Salween R.
Siam
Bangkok
Malay Peninsula
Singapore
Sumatra
Java
Borneo
Celebes
Philippines
Manila
Moluccas
New Guinea
Australia
Timor
Arafura Sea
Java Sea
Banda Sea
Celebes Sea
Coral Sea
Tasman Sea
New Zealand
Fiji Is.
Solomon Is.
New Caledonia
Hebrides
Tonga Is.
Samoa
Marshall Is.
Caroline Is.
Ladrone Is.
Pacific Ocean
Hawaiian Is.
Aleutian Is.
Bering Sea
Bering Strait
Kamchatka
Sea of Okhotsk
Anadyr R.
Behring Sea
Alaska
Aleutian Is.
Pribilof Is.
Kodiak I.
Unalaska
Nome
Yukon R.
Mackenzie R.
Great Bear L.
Great Slave L.
Hudson Bay
Hudson Strait
Baffin Land
Greenland
Davis Strait
Labrador
Newfoundland
Gulf of St. Lawrence
Anticosti I.
Quebec
Montreal
Ottawa
Toronto
Lake Ontario
Lake Erie
Lake Huron
Lake Michigan
Lake Superior
Lake Winnipeg
Winnipeg
Saskatchewan R.
Edmonton
Calgary
Vancouver I.
Victoria
Vancouver
Fraser R.
Columbia R.
Rocky Mts.
Portland
San Francisco
Los Angeles
San Diego
Salt Lake City
Denver
Colorado R.
Grand Canyon
Yellowstone Park
Seattle
Spokane
Minneapolis
St. Paul
Chicago
Milwaukee
Detroit
Cleveland
Buffalo
Niagara Falls
Pittsburgh
Boston
New York
Philadelphia
Washington
Baltimore
Richmond
Norfolk
Charleston
Savannah
Jacksonville
Tampa
Miami
Key West
Gulf of Mexico
Florida
Cuba
Havana
Jamaica
Kingston
Haiti
Port-au-Prince
Santo Domingo
Puerto Rico
Bahama Is.
Mississippi R.
Missouri R.
Ohio R.
Red R.
Arkansas R.
Kansas City
St. Louis
Cincinnati
Louisville
Memphis
Vicksburg
New Orleans
Mobile
Atlanta
Nashville
Birmingham
Dallas
Houston
Galveston
Fort Worth
Oklahoma City
Wichita
Omaha
Sioux City
Des Moines
Indianapolis
Columbus
Rio Grande R.
Mexico
Mexico City
Vera Cruz
Tampico
Monterey
Chihuahua
Guadalajara
Acapulco
Yucatan
Campeche
Honduras
Guatemala
Salvador
Nicaragua
Costa Rica
Panama
Panama Canal
Caribbean Sea
Venezuela
Caracas
Maracaibo
Trinidad
Colombia
Bogota
Ecuador
Quito
Guayaquil
Peru
Lima
Callao
Arequipa
Titicaca L.
Bolivia
La Paz
Chile
Santiago
Valparaiso
Atacama Desert
Argentina
Buenos Aires
Rosario
Cordoba
Mendoza
La Plata
Uruguay
Montevideo
Paraguay
Asuncion
Brazil
Rio de Janeiro
Sao Paulo
Santos
Pernambuco
Bahia
Manaos
Amazon R.
Para
Belem
Parana R.
Iguassu Falls
Rio Grande do Sul
Pacific Ocean
Atlantic Ocean
Equator
Tropic of Capricorn
Antarctic Circle
Encyclopaedia

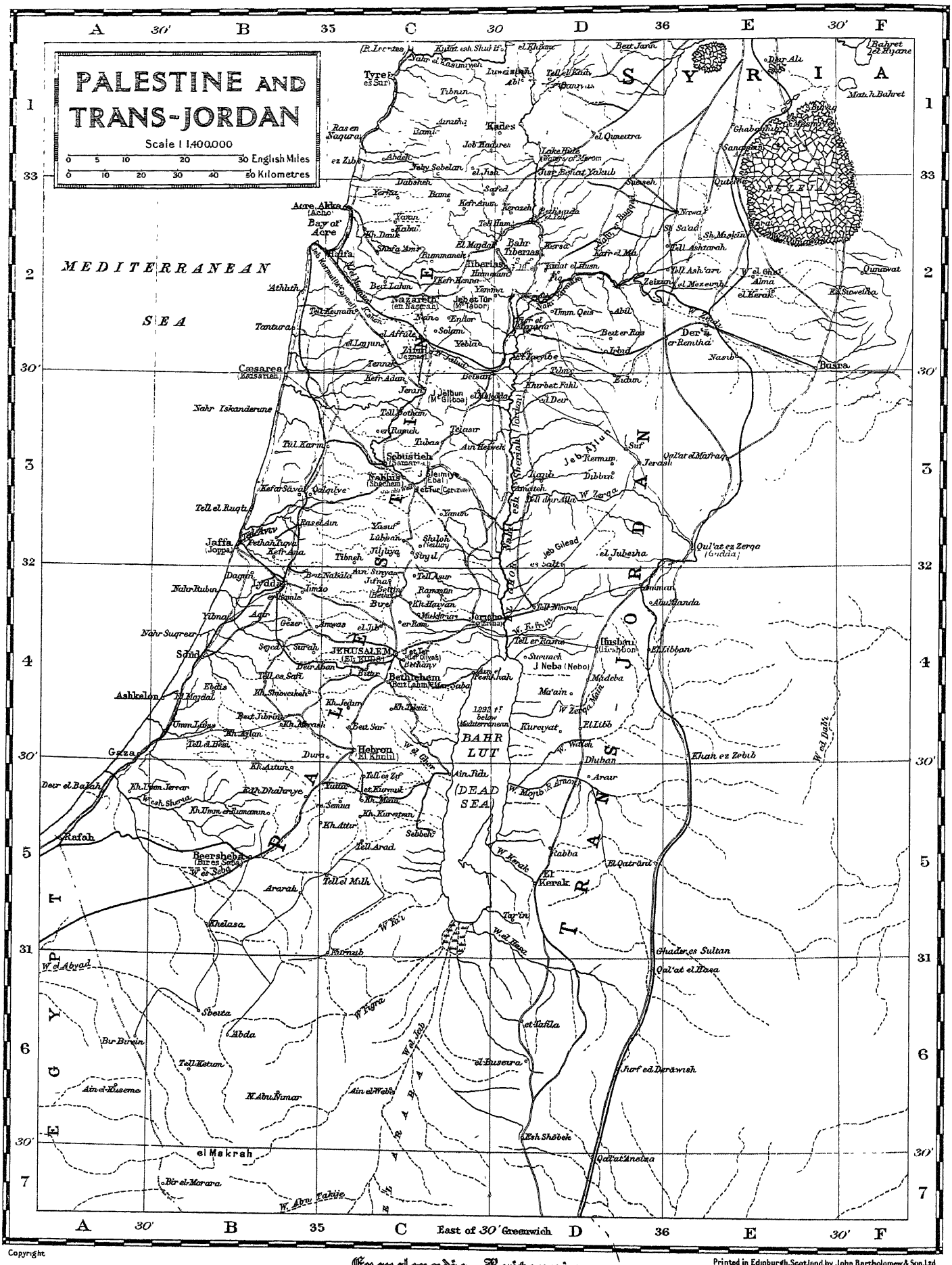

90 100 110 120 130 140 150 160 170 180 1 70 2 60 3
H J K L M N O P Q R
50 40 30 20 10 0 10
G Longitude East 90 of Greenwich H 100 J 110 K 120 L 130 M 140 N
ASIA
EUROPEAN RUSSIA
EASTERN SIBERIAN AREA
WESTERN SIBERIAN AREA
MONGOLIA
INNER MONGOLIA
MANCHURIA
CHINA
TIBET
BURMA
SIAM
INDO-CHINA
KOREA
JAPAN
PACIFIC OCEAN
BERING SEA
SEA OF OKHOTSK
JAPAN SEA
YELLOW SEA
EAST CHINA SEA (Tung Hai)
SOUTH CHINA SEA (Nan Hai)
BAY OF BENGAL
PHILIPPINE ISLANDS (U.S.)
MALAY ARCHIPELAGO
NEW GUINEA
Gobi or Shamo
Himalaya Mts
Yablonovoi Mts
Yerkhoyansk Mts
Verkhoyansk Mts
Stanovoi Mts
Khingan Mts
Nan-ling Mts
Yunlin Mts
Kuen-lun Mts
Altai Mts
Tropic of Cancer
Equator
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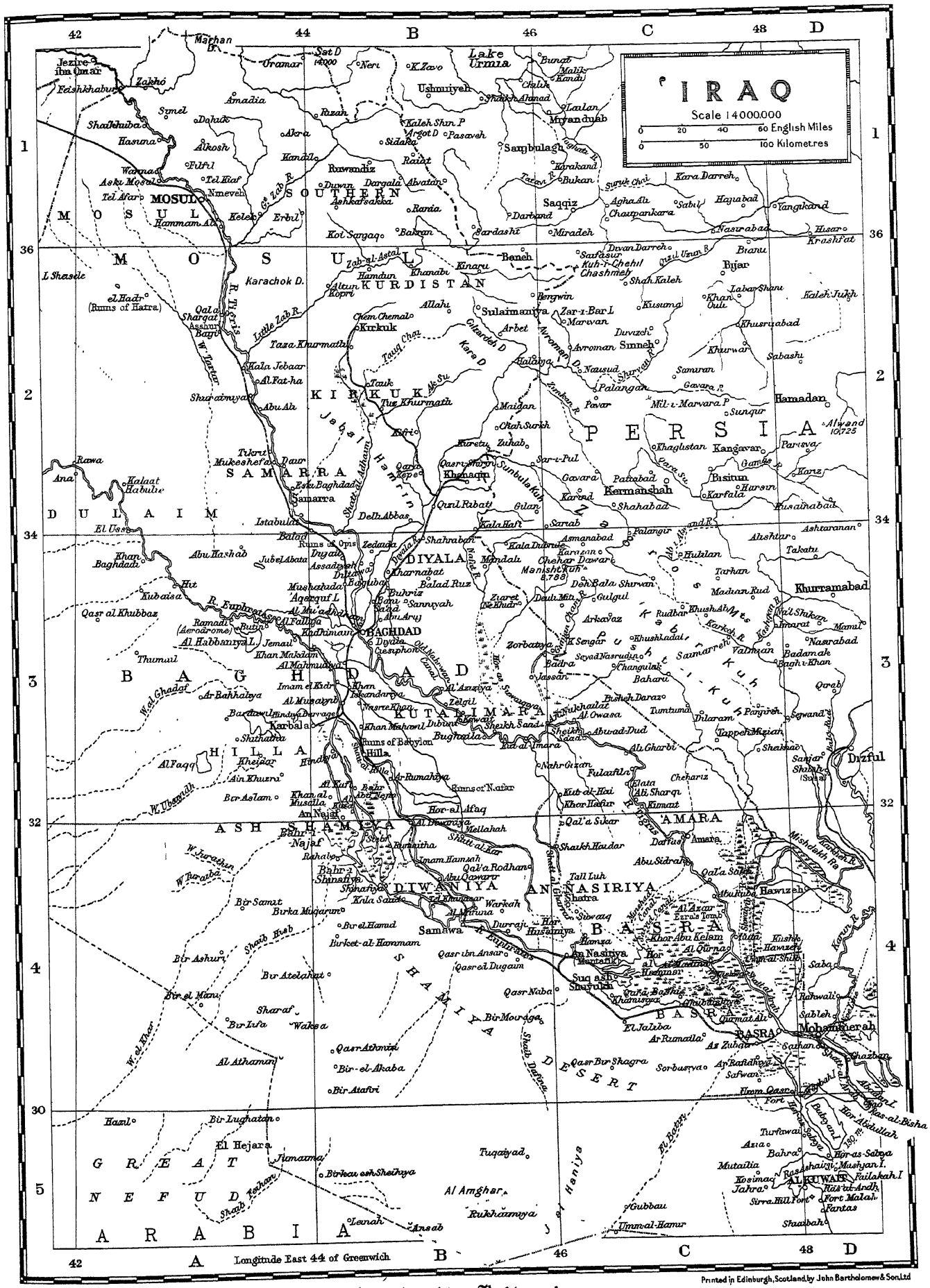
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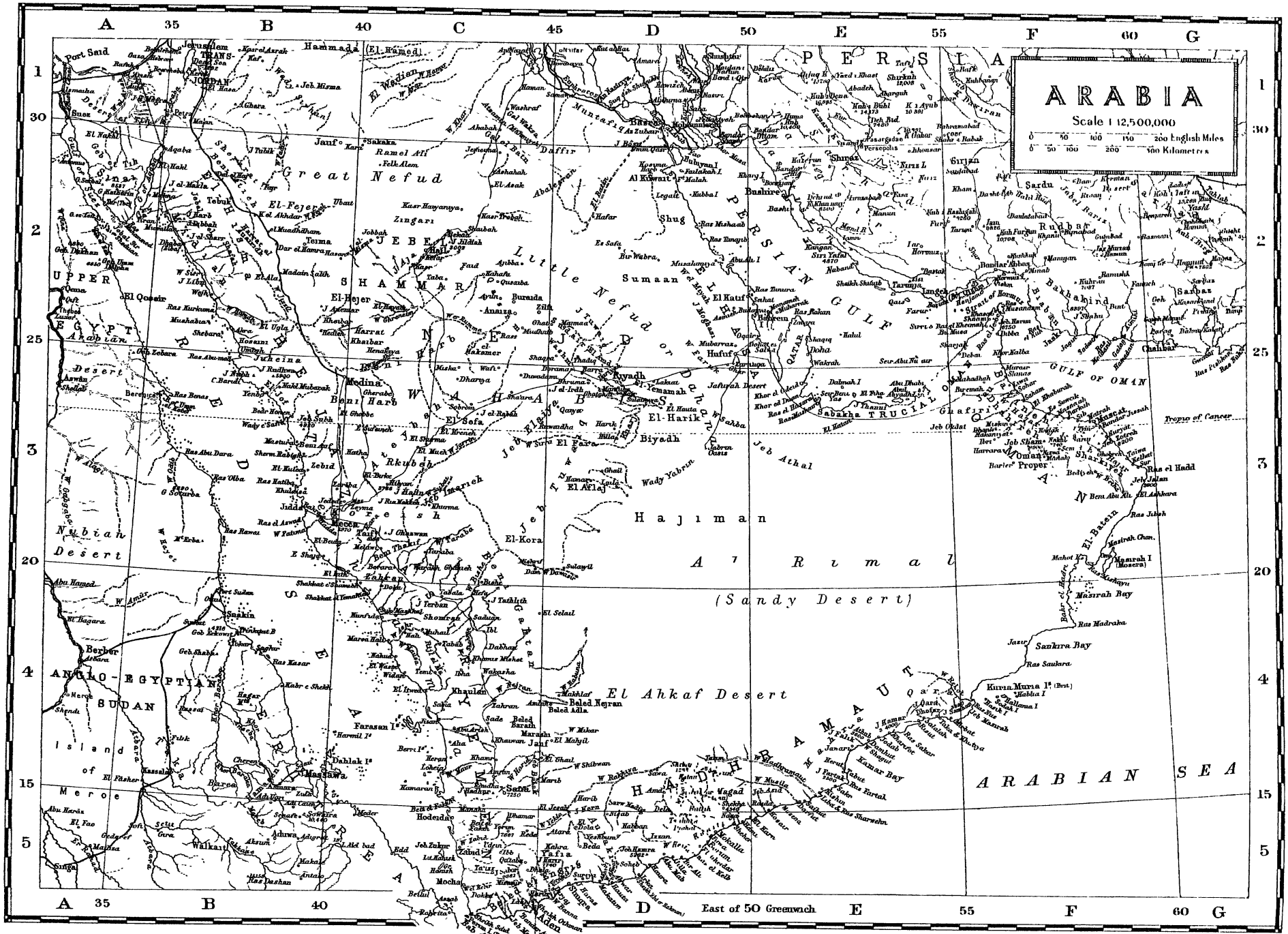

A 26 B 28 C 30 D 32 E 34 F 36 G 38
BULGARIA
BLACK SEA
Sevastopol
Istanbul to Sevastopol 299 m.
Istanbul to Novorossiysk 460 m.
ISTANBUL (CONSTANTINOPLE)
SEA OF MARMARA
ANKARA (ANGORA)
TURKEY IN ASIA
ANATOLIA
Kaisarie
Konya
Adana
Aleppo
Beirut
DAMASCUS
Haifa
Acre
Safed
Tiberias
Nazareth
Jaffa
Nablus
Samaria
Cæsarea
Tripoli
Homs
Hamā
Latakia
Nicosia
Famagusta
Larnaca
Limassol
CYPRUS
MEDITERRANEAN SEA
Rhodes
Dodecanese
Smyrna
Chios
Mytilene
Samos
Gulf of Antalya
Gulf of Iskenderun
Port Said to Limassol 208 m.
Port Said to Larnaca 201 m.
Port Said to Beirut 228 m.
Istanbul to Port Said 796 m.
Longitude East

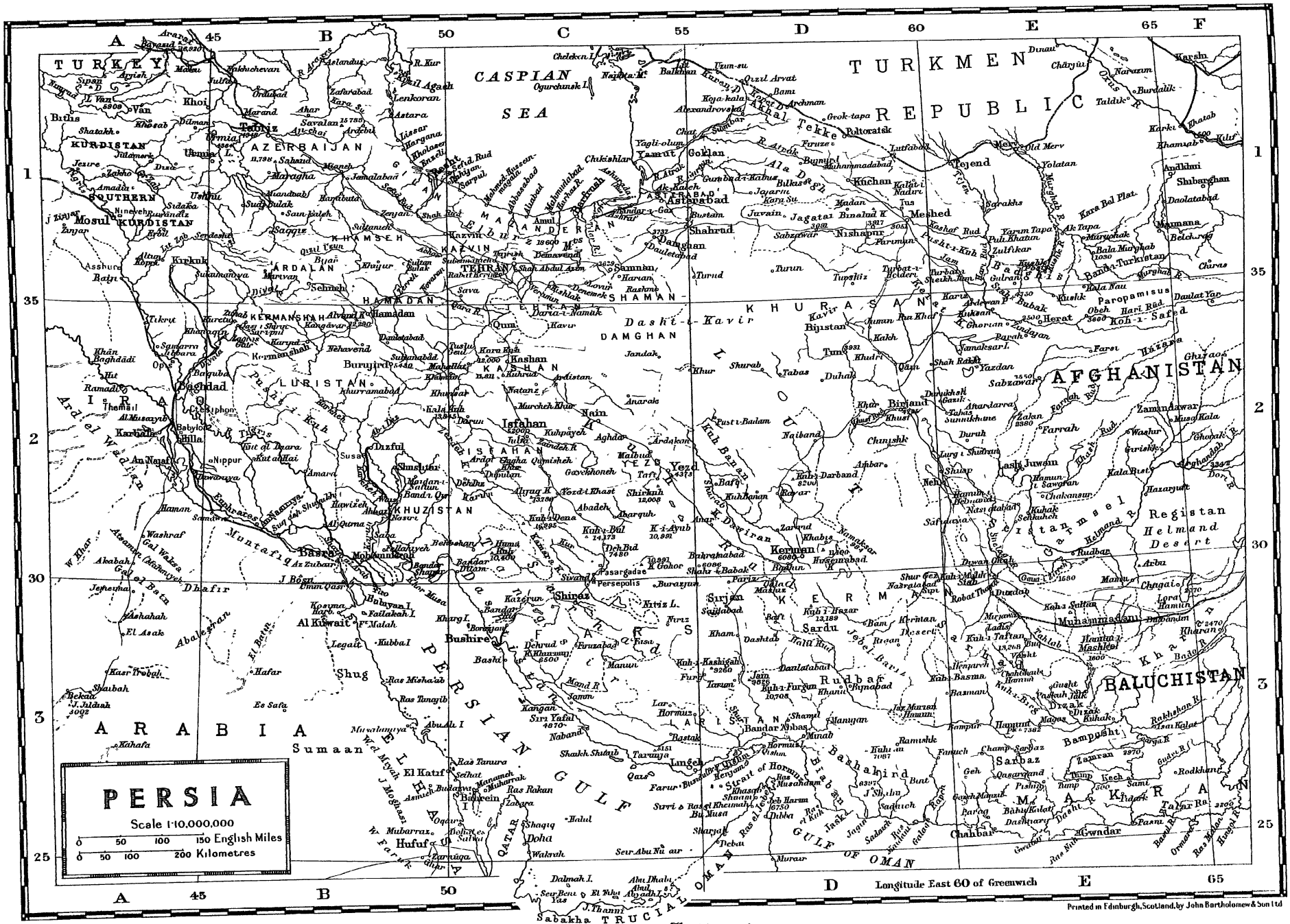


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PALESTINE AND TRANS-JORDAN
Scale 1 1,400,000
0 5 10 20 30 English Miles
0 10 20 30 40 50 Kilometres
MEDITERRANEAN SEA
SYRIA
PALESTINE
TRANS-JORDAN
DEAD SEA
BAHR LUT
1292 ft. below Mediterranean
Tyre es Sur
Acre Akka (Acho)
Bay of Acre
Haifa
Nazareth (en Nasirah)
Jebel Tur (Mt. Tabor)
Tiberias
Bahr Tiberias
Sea of Galilee
Jordan
Caesarea (Kaisarieh)
Nahr Iskanderune
Jenin
Jelbun (Mt. Gilboa)
Nablus (Shechem)
Sebustieh (Samaria)
Jaffa (Joppa)
Lydda
Ramleh
Jerusalem (El Kuds)
Bethlehem
Hebron (El Khulil)
Gaza
Ashkelon
Beersheba (Bir es Seba)
Rafah
Khelasa
Ararah
Tell el Milh
Sbeita
Abda
Bir Birein
Tell Ketum
Ain el Ruseme
N. Abu Shinar
el Makrah
Bir el Morara
Wadi Arabah
Jericho
Es Salt
Jebel Gilead
Jebel Ajlun
Suf
Jerash
Qal'at ez Zerqa (Gadara)
Irbid
Dera
Busra
Ezraa
Qal'at el Mafraq
Ghadir es Sultan
Qal'at el Hasa
et Tafila
el Buseira
Jurf ed Darawish
Qal'at Aneiza
Esh Shobek
Rabba
El Kerak
Dhuban
Arair
Khan ez Zebib
Kureiyat
Madeba
Heshbon (Hesbon)
Nebo
Ma'ain
Amman
Abu Hamda
Suweileh
Qutlie
Nawa
Sh. Sa'ad
Sh. Miskin
Tell Ashtarah
Tell Ash'ari
Zeizun
Alma
El Kerak
El Suweileh
Qumawat
Mezerib
Tell Hum
Kefr Hanna
Yamma
Ummeis
Abil
Irbid
Tibnin
Eidun
Ed Dur
Suf
Jerash
Dibbin
Tell Nimrin
Jericho
Tell er Ramie
Tell Azur
Ramman
Bethany
Mar Saba
Wadi Kelt
Dead Sea
Wadi Arnon
Wadi Hasa
Wadi Jeib
Wadi Fikra
Wadi el Hesa
Wadi el Abyad
Wadi Sheria
Wadi Ghuzze
Wadi Abu Takije
Wadi el Arish
Wadi Kerak
Wadi Zerqa Main
Wadi Nimrin
Wadi Shoeib
Wadi Zerqa
Wadi Yabis
Wadi Jalud
Wadi Ajlun
Wadi Yarmuk
Wadi Shellale
Wadi Fara
Wadi Ain el Weibe
Wadi Jeib

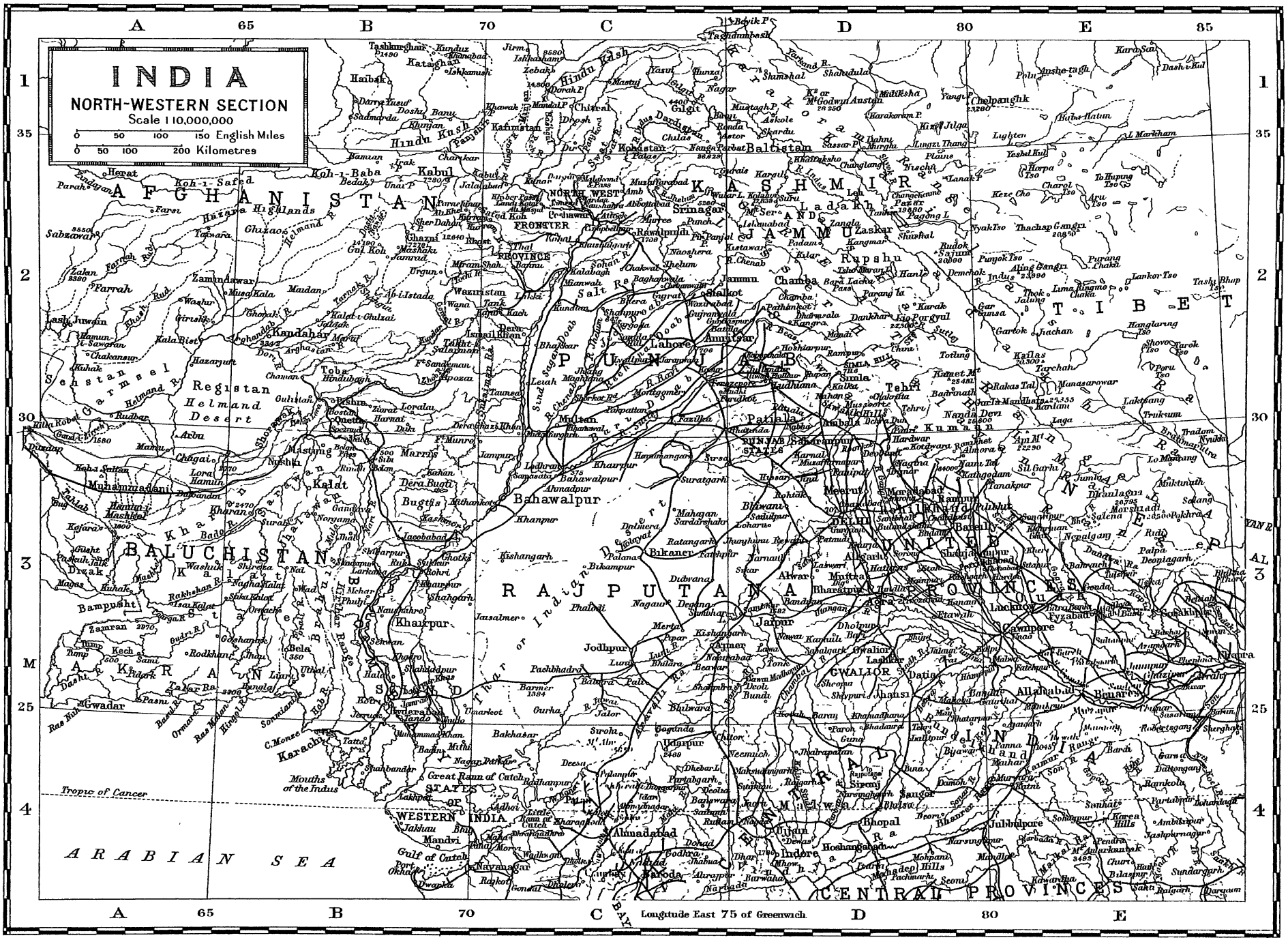

IRAQ
Scale 1:4000000
0 20 40 60 English Miles
0 50 100 Kilometres
MOSUL
KIRKUK
SAMARRA
DIYALA
BAGHDAD
KUT AL IMARA
AMARA
BASRA
MUSHRAH
DIWANIYA
AN NASIRIYA
ASH SHAMIYA
HILLA
DULAIM
KURDISTAN
PERSIA
Lake Urmia
Sulaimaniya
Kirkuk
Khanaqin
Kermanshah
Hamadan
Khurramabad
Dizful
Mohammerah
Abadan I.
Failakah I.
Mishab
Ahwaz
Karun R.
Euphrates
Tigris
Shatt al Arab
Shatt al Hamrin
Jabal Hamrin
Shatt al Gharraf
Shatt al Kut
Shatt al Adhaim
Shatt al Hilla
Shatt al Kufa
Shatt al Najaf
Shatt al Diwaniya
Shatt al Muthanna
Shatt al Basra
Shatt al Arab
Shatt al Hai
Shatt al Amara
Shatt al Kahla
Shatt al Haniya
Shatt al Batha
Shatt al Mishab
Shatt al Ahwaz
Shatt al Shaiba
Shatt al Khaiyin
Shatt al Khaiyin
Shatt al Khaiyin


ARABIA
Scale 1 12,500,000
0 50 100 150 200 English Miles
0 50 100 200 300 Kilometres
PERSIA
Great Nefud
Little Nefud or Dahna
Sumaan
Hajiman
A'Rimal
(Sandy Desert)
El Ahkaf Desert
Rub' al Khali
Empty Quarter
PERSIAN GULF
GULF OF OMAN
ARABIAN SEA
RED SEA
Gulf of Suez
Gulf of Aqaba
Jeb Athal
Wady Yabrin
Jeb Shaam
Jeb Akdar
Jeb Sumra
Jeb Aswad
Jeb Tuwaiq
Jeb Tuweyk
Jeb Zakar
Jeb Hamra
Jeb Ahmar
Jeb Ibrahim
Jeb Kara
Jeb Kara
Jeb Ayal Yazid
Jeb Ayal Omar
Jeb Ayal Selman
Jeb Ayal Nasir
Jeb Ayal Ali
Jeb Ayal Ali
Jeb Ayal Ali


PERSIA
Scale 1:10,000,000
0 50 100 150 English Miles
0 50 100 200 Kilometres
CASPIAN SEA
PERSIAN GULF
GULF OF OMAN
TURKEY
TURKMEN REPUBLIC
AFGHANISTAN
BALUCHISTAN
ARABIA
KURDISTAN
AZERBAIJAN
LURISTAN
KHUZISTAN
KERMAN
Dasht-e-Kavir
DAMGHAN
Longitude East 60 of Greenwich
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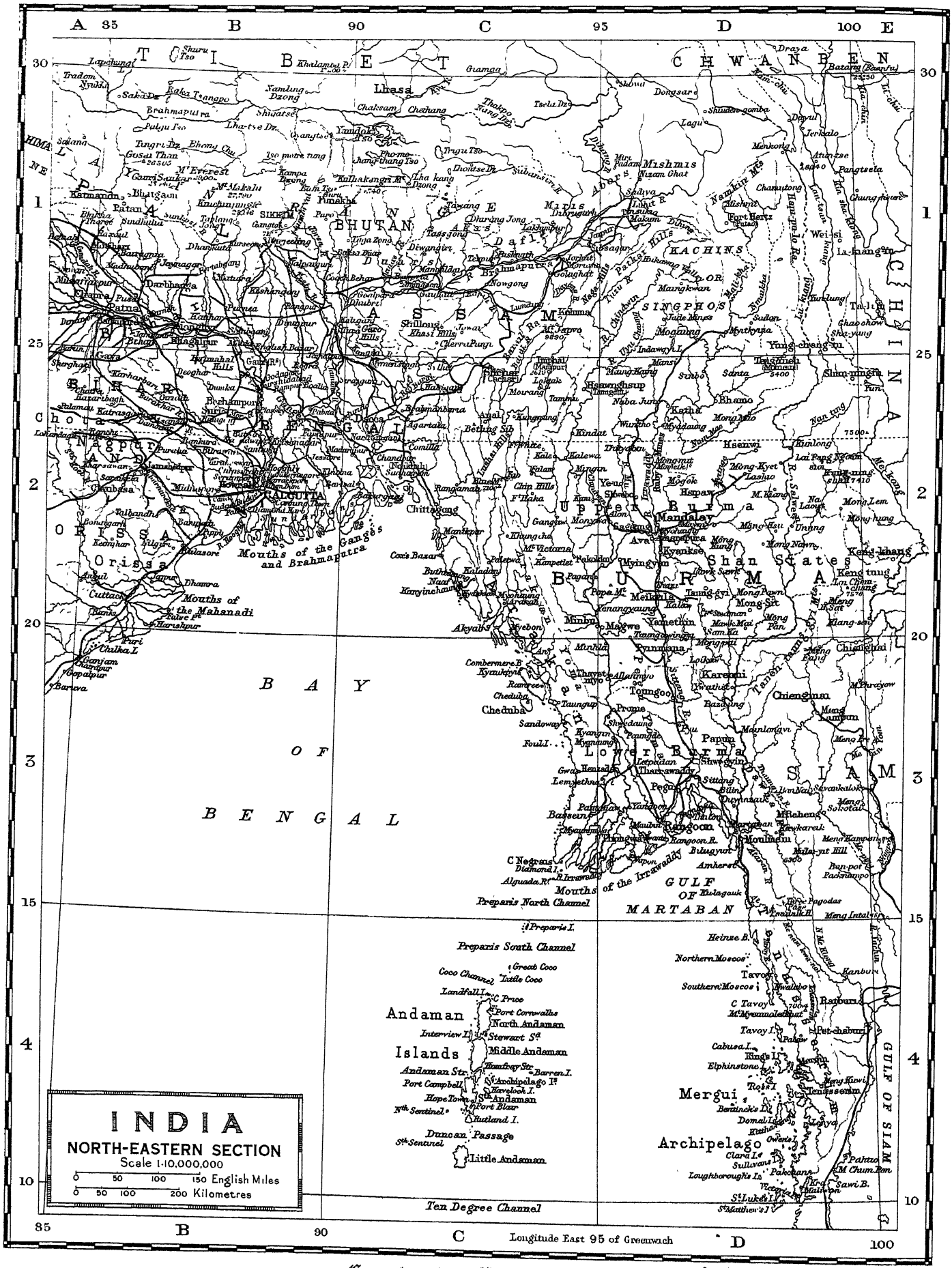


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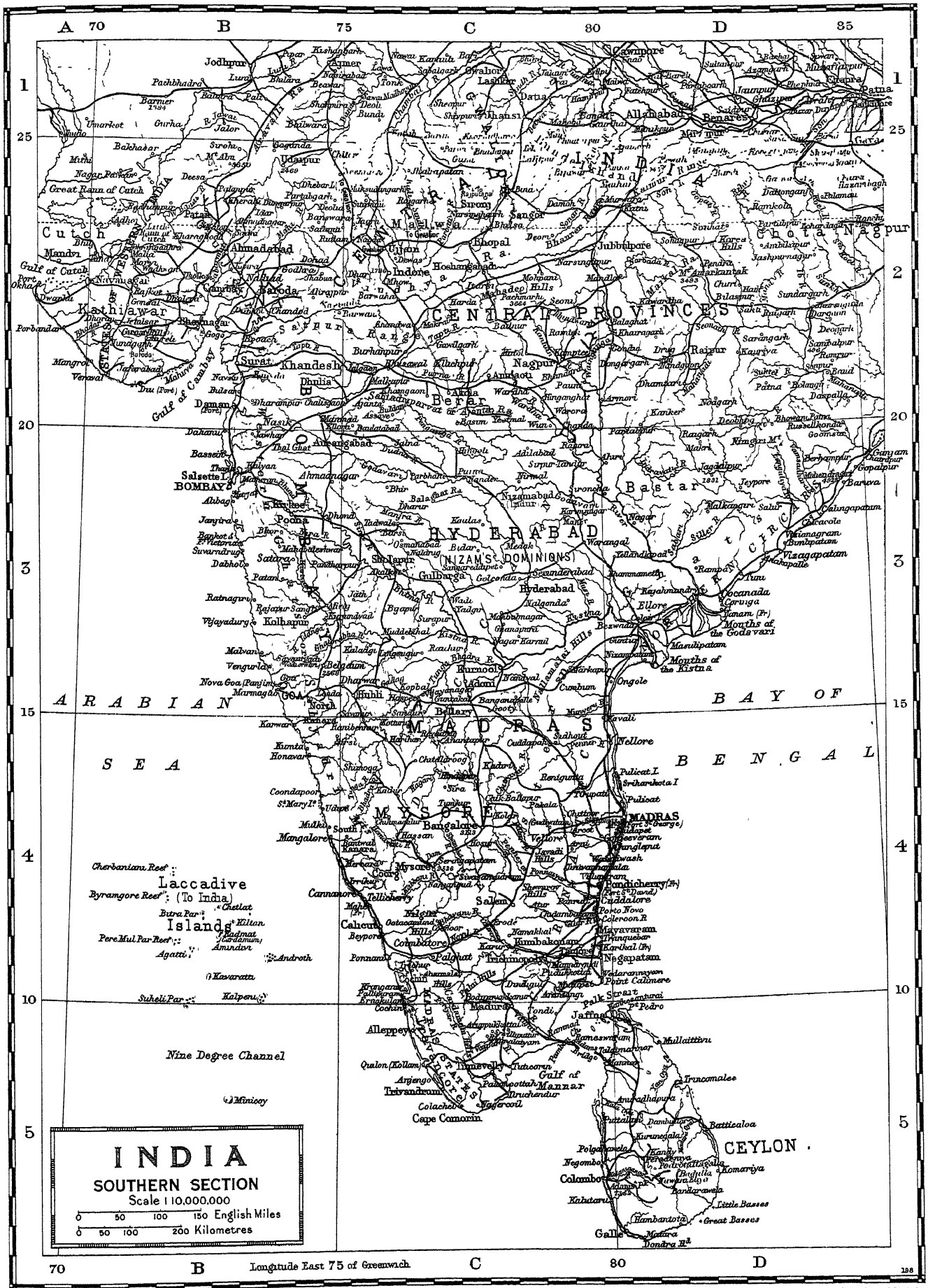


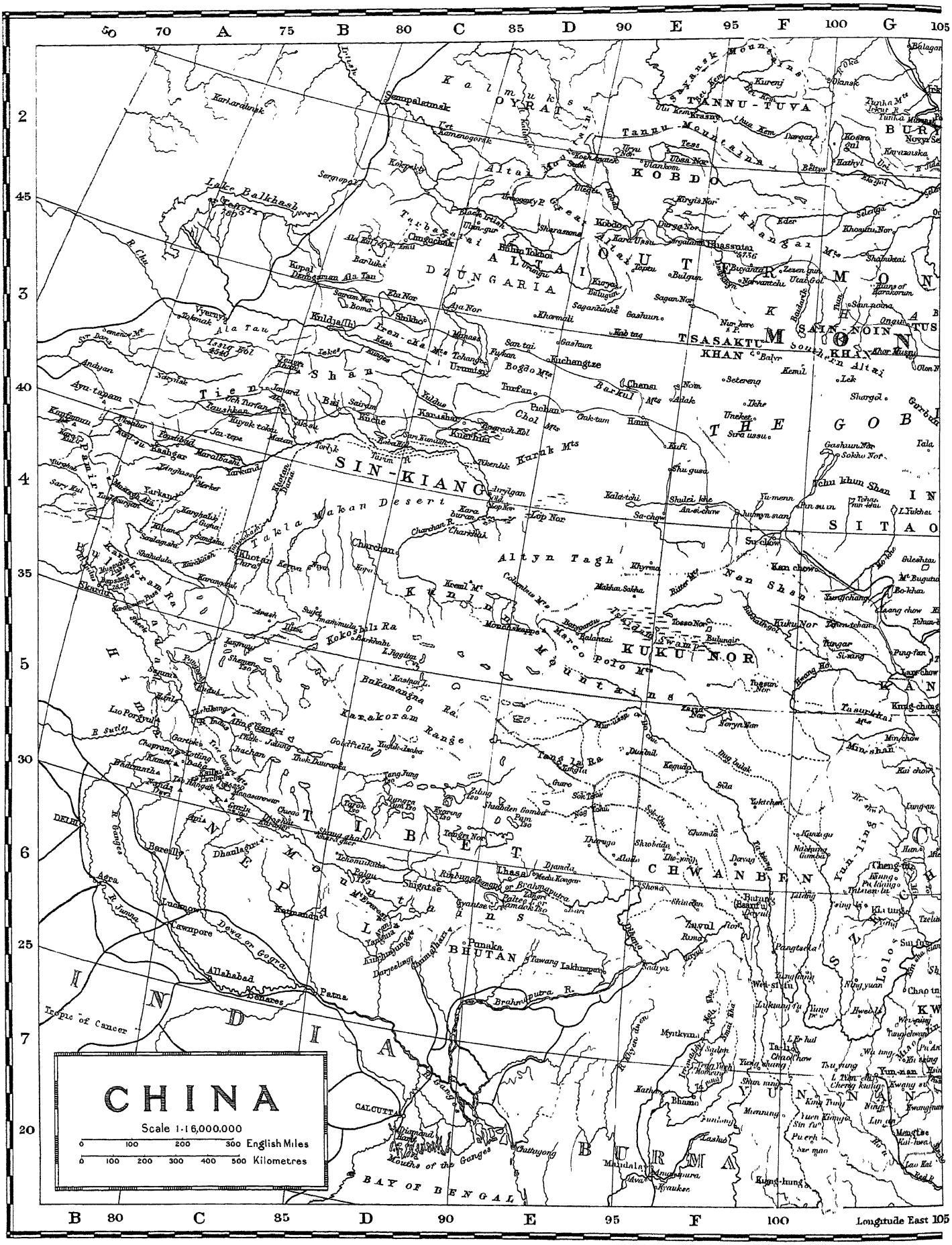
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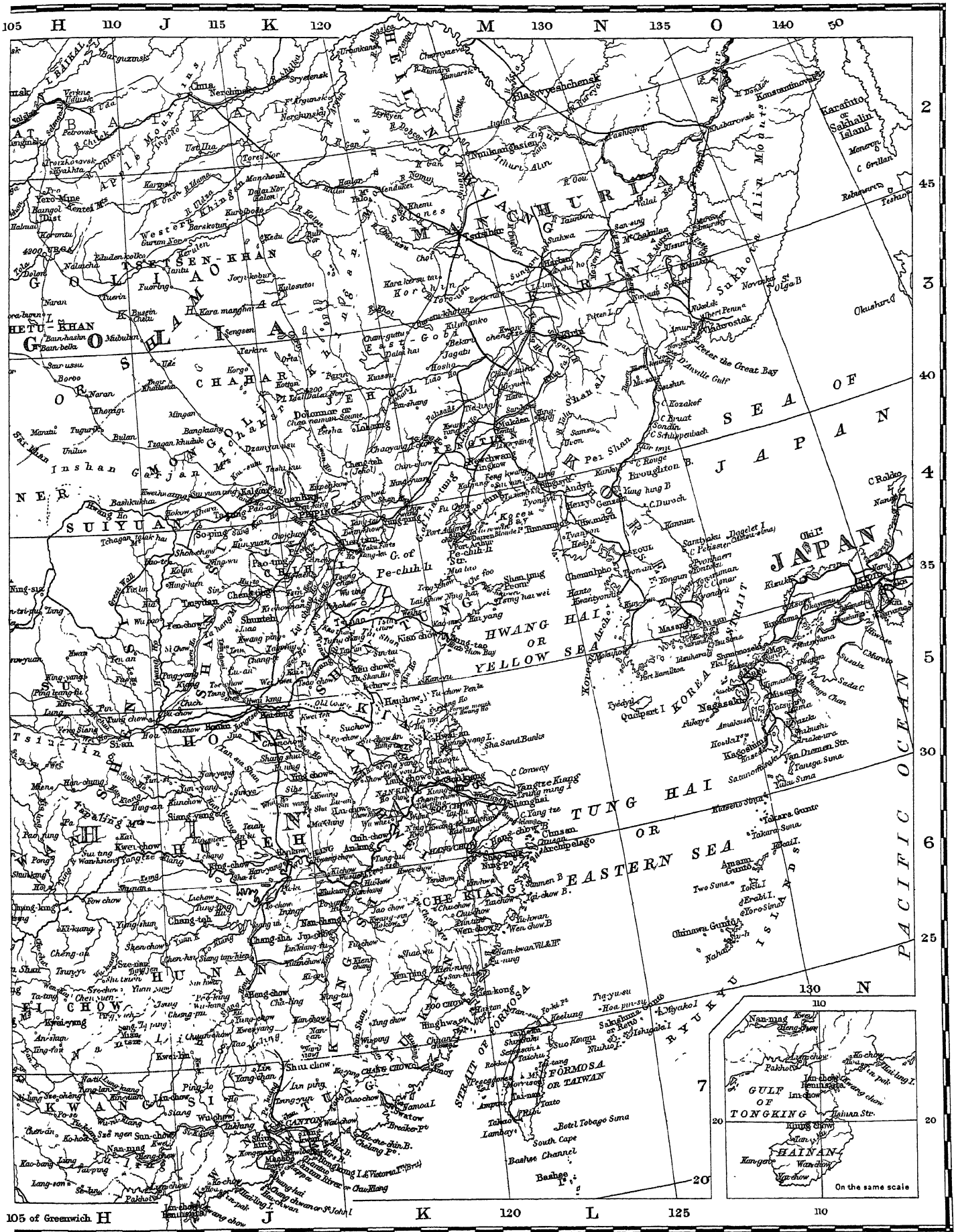
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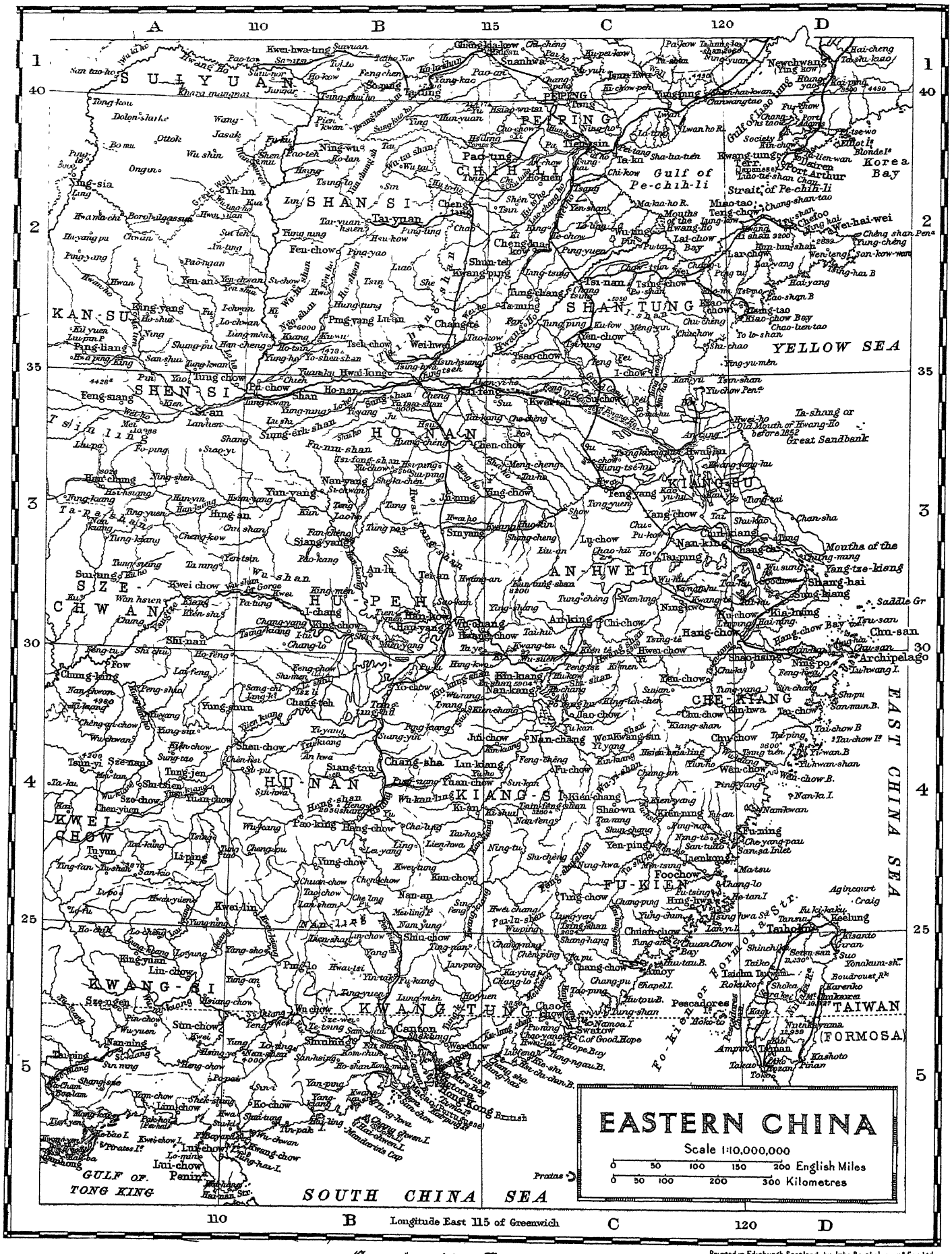


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INDIA
SOUTHERN SECTION
Scale 1:10,000,000
0 50 100 150 English Miles
0 50 100 200 Kilometres
Longitude East 75 of Greenwich
ARABIAN SEA
BAY OF BENGAL
Laccadive Islands
Nine Degree Channel
Gulf of Mannar
Cape Comorin
CEYLON
HYDERABAD (NIZAM'S DOMINIONS)
MYSORE
MADRAS
CENTRAL PROVINCES
BOMBAY
Bastar
Berar
Cutch
Kathiawar
Eastern Ghats
Western Ghats
Chota Nagpur
Bombay Presidency
Central India
Rajputana
Mouths of the Godavari
Mouths of the Kistna
Circars
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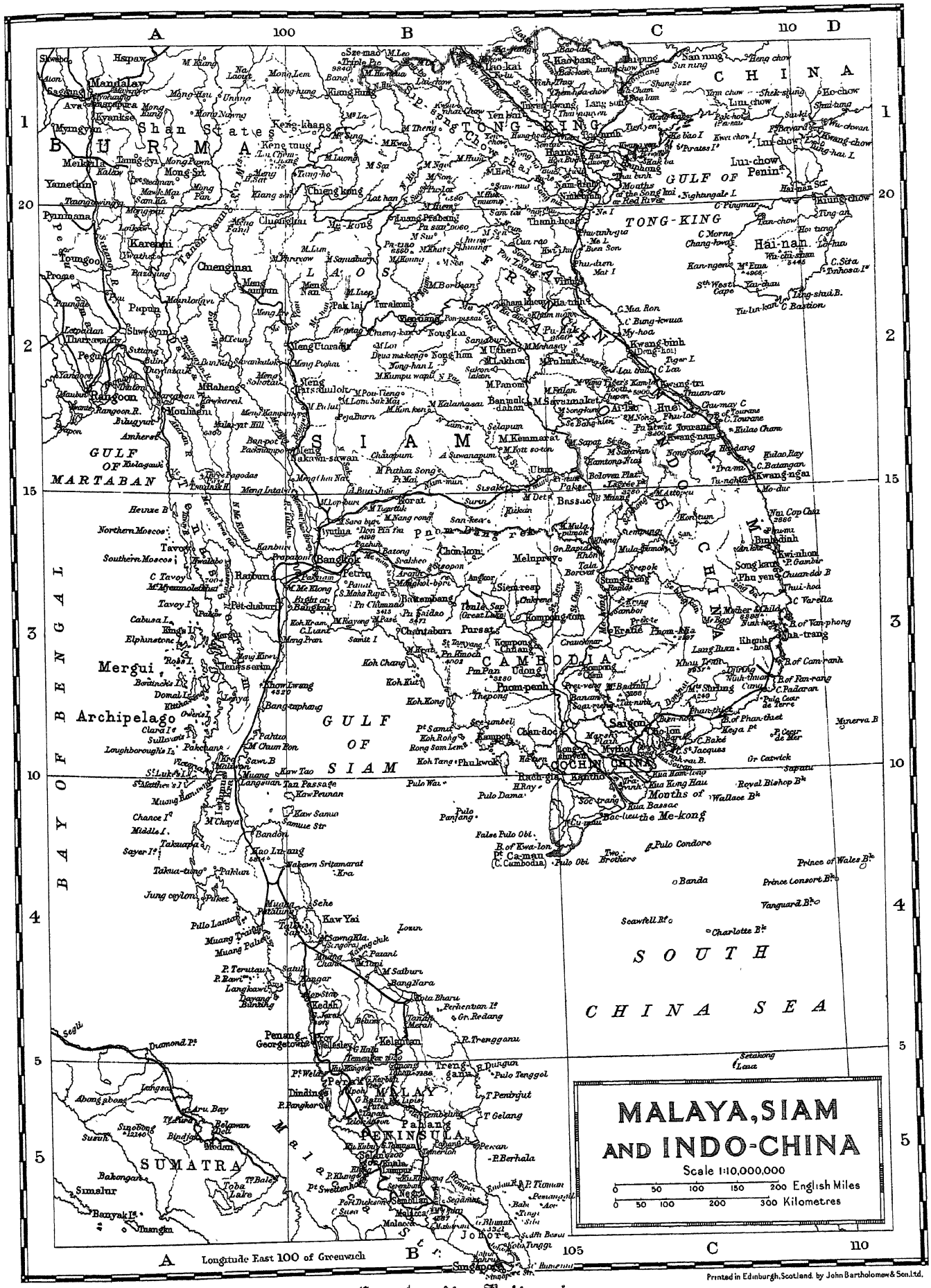

CHINA
Scale 1·16,000,000
0 100 200 300 English Miles
0 100 200 300 400 500 Kilometres
Longitude East 105
Encyclopædia


105 H 110 J 115 K 120 M 130 N 135 O 140 50
105 of Greenwich H J K 120 L 125 110
SEA OF JAPAN
PACIFIC OCEAN
YELLOW SEA
EASTERN SEA
TUNG HAI
HWANG HAI
Pe-chih-li Str.
G. of Pe-chih-li
STRAIT OF KOREA
STRAIT OF FORMOSA
KOREA
JAPAN
FORMOSA OR TAIWAN
RYUKYU ISLANDS
Karafuto or Sakhalin Island
GULF OF TONGKING
HAINAN
On the same scale
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Britannica



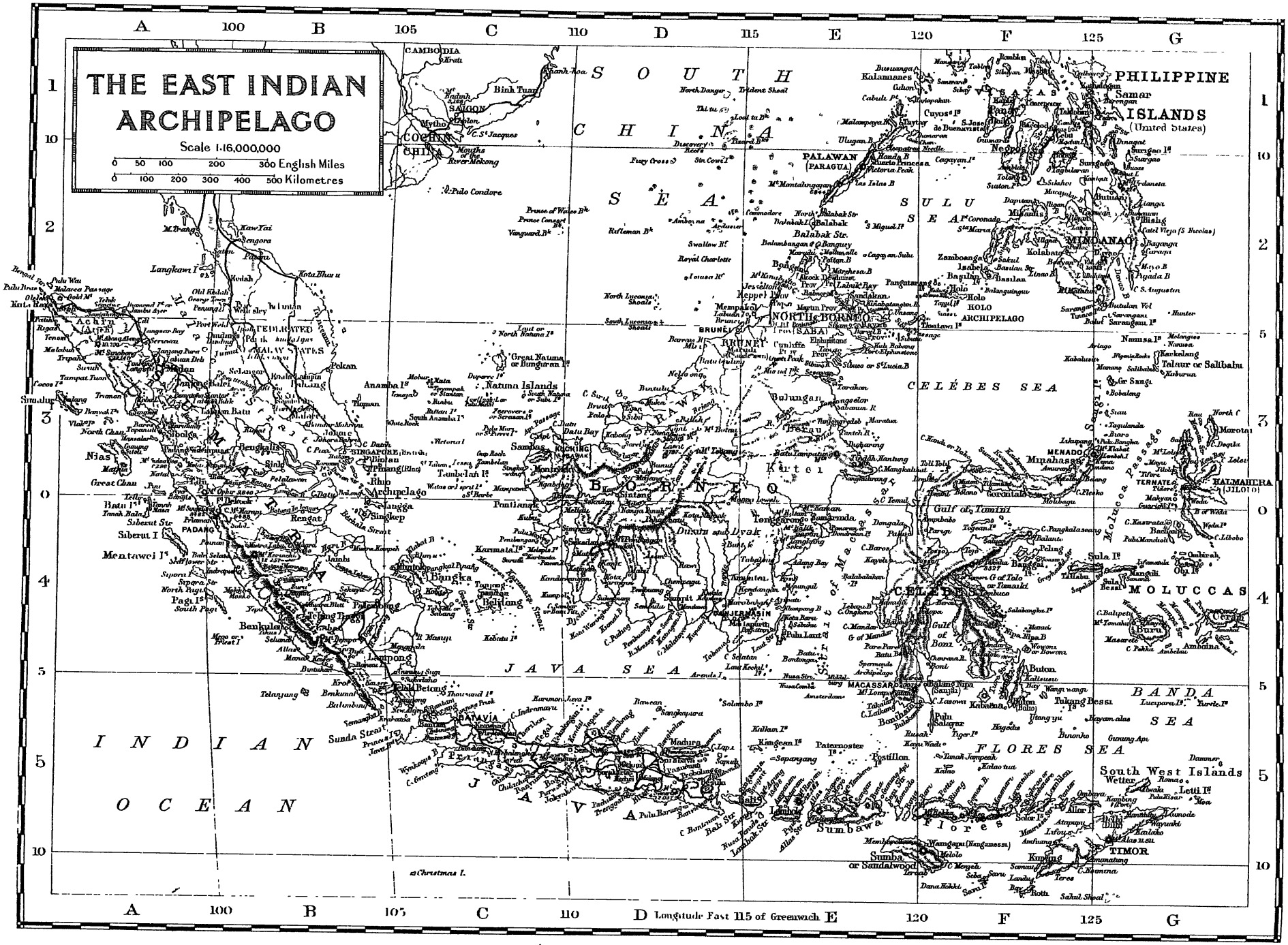
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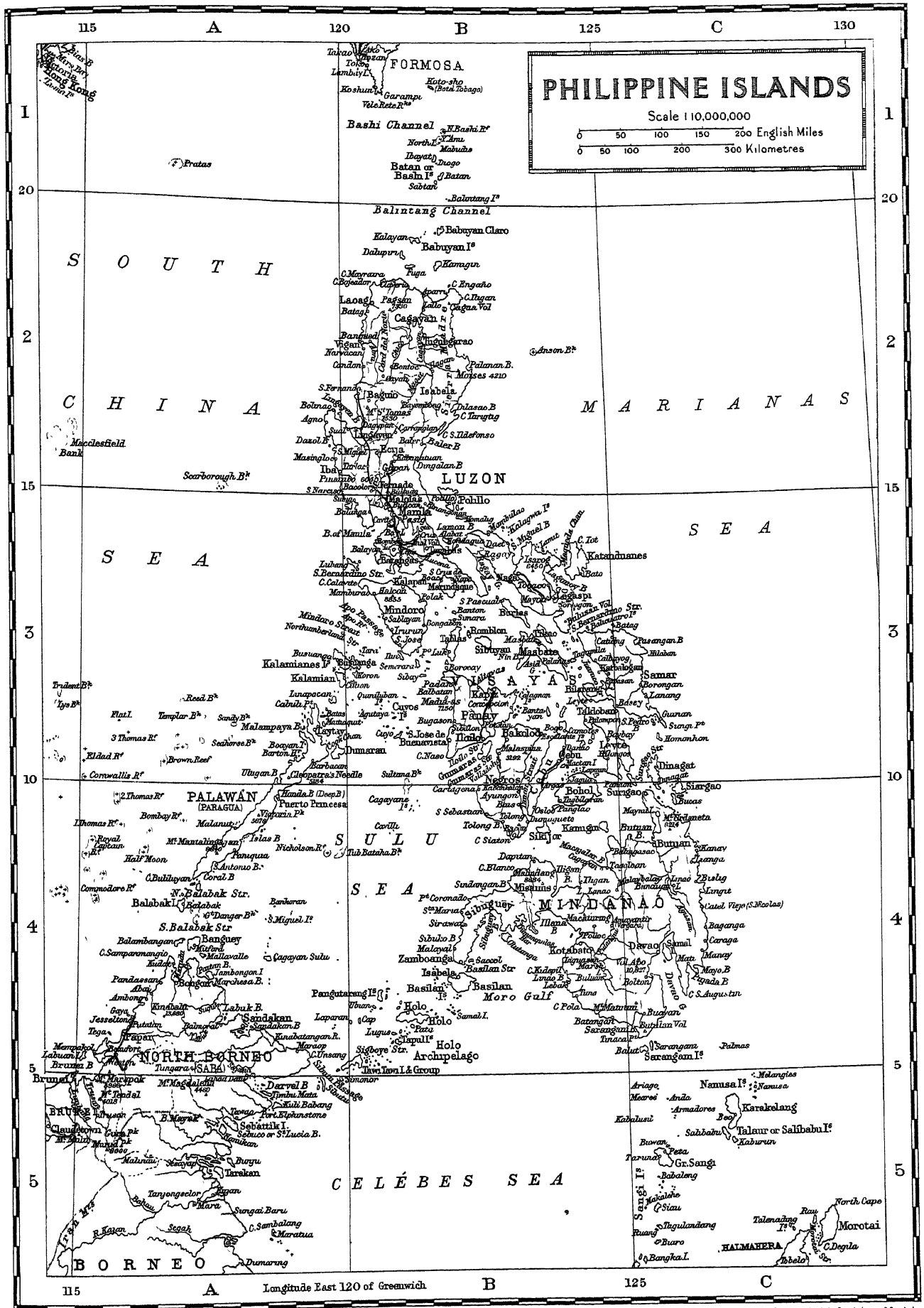
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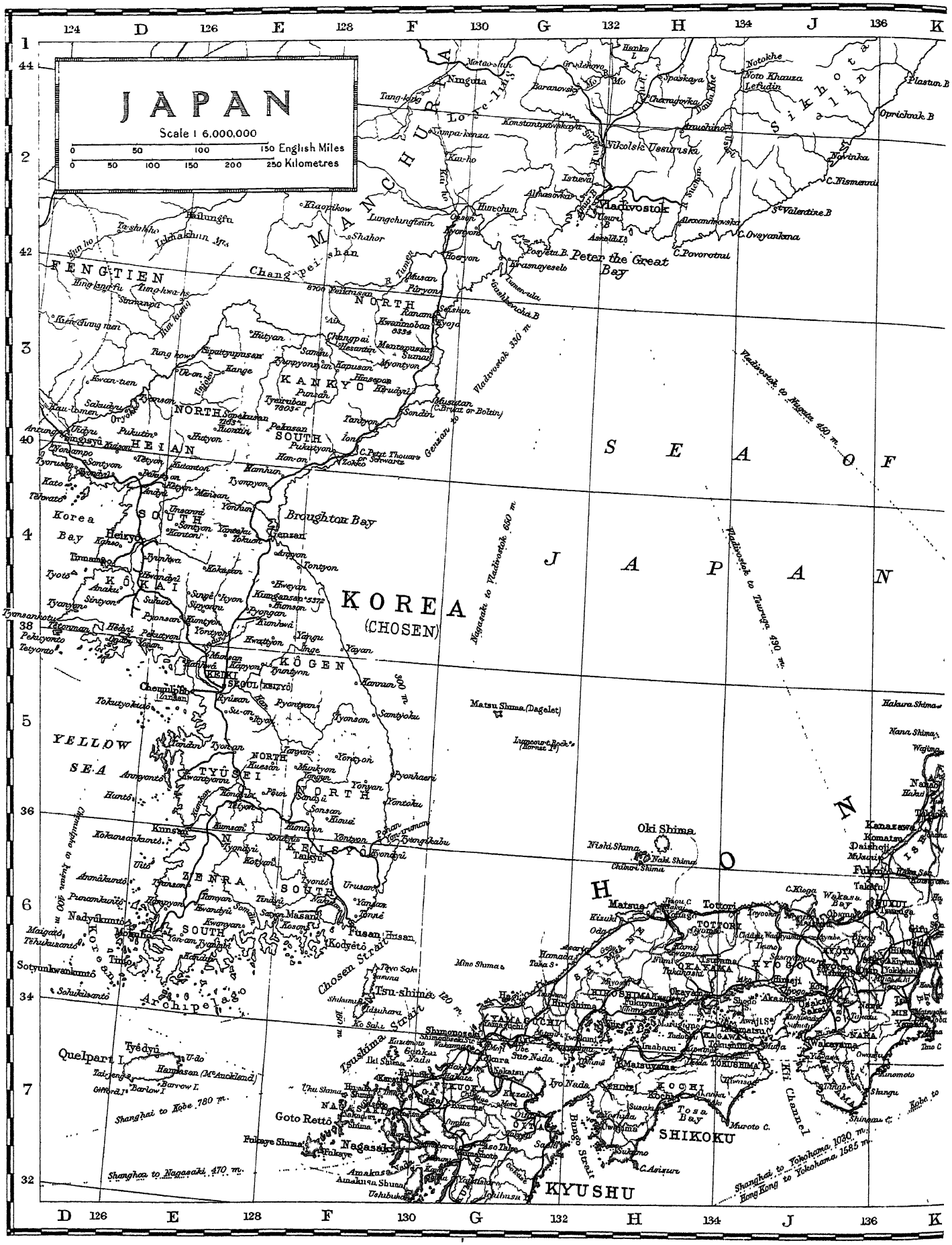


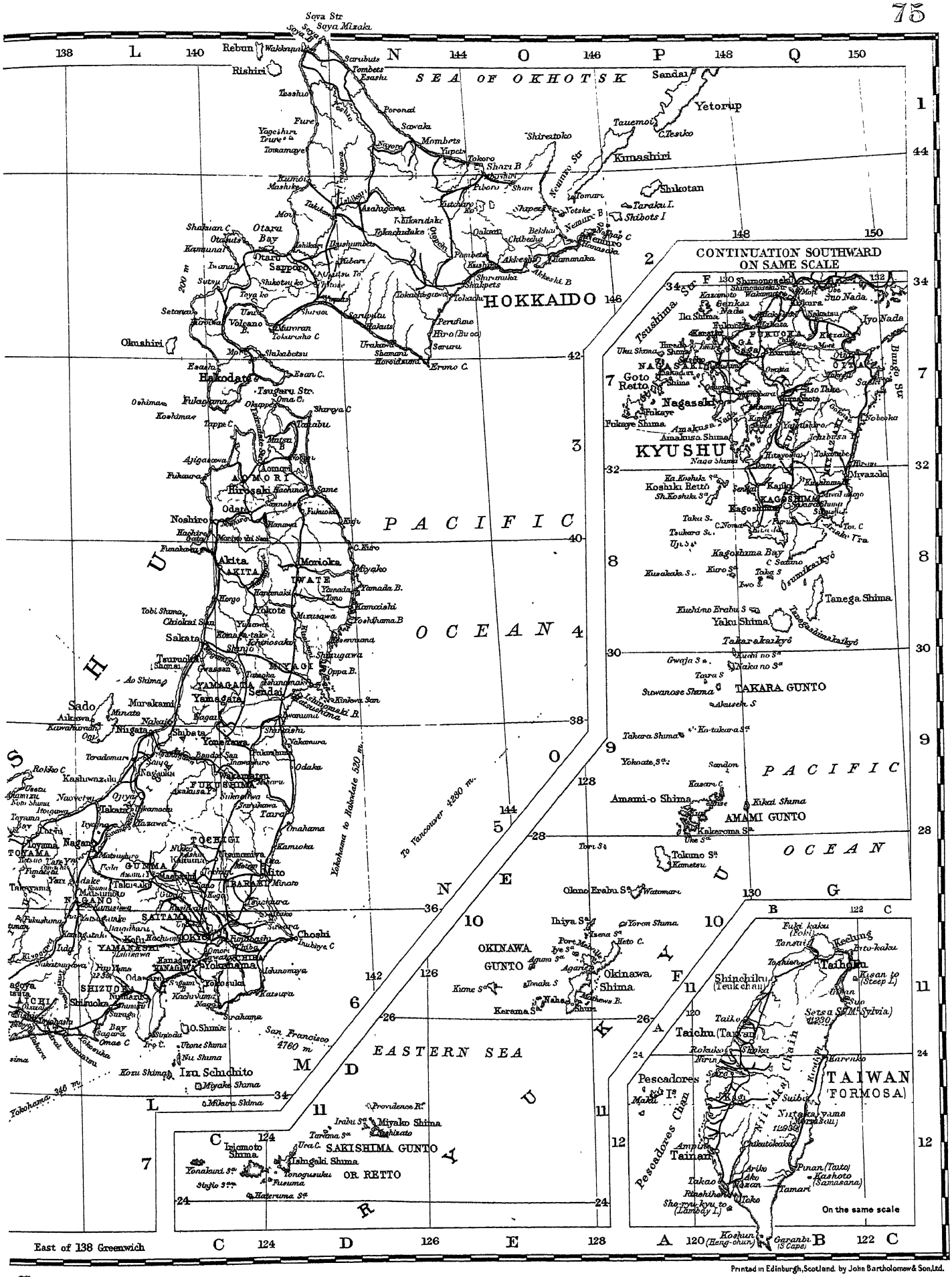
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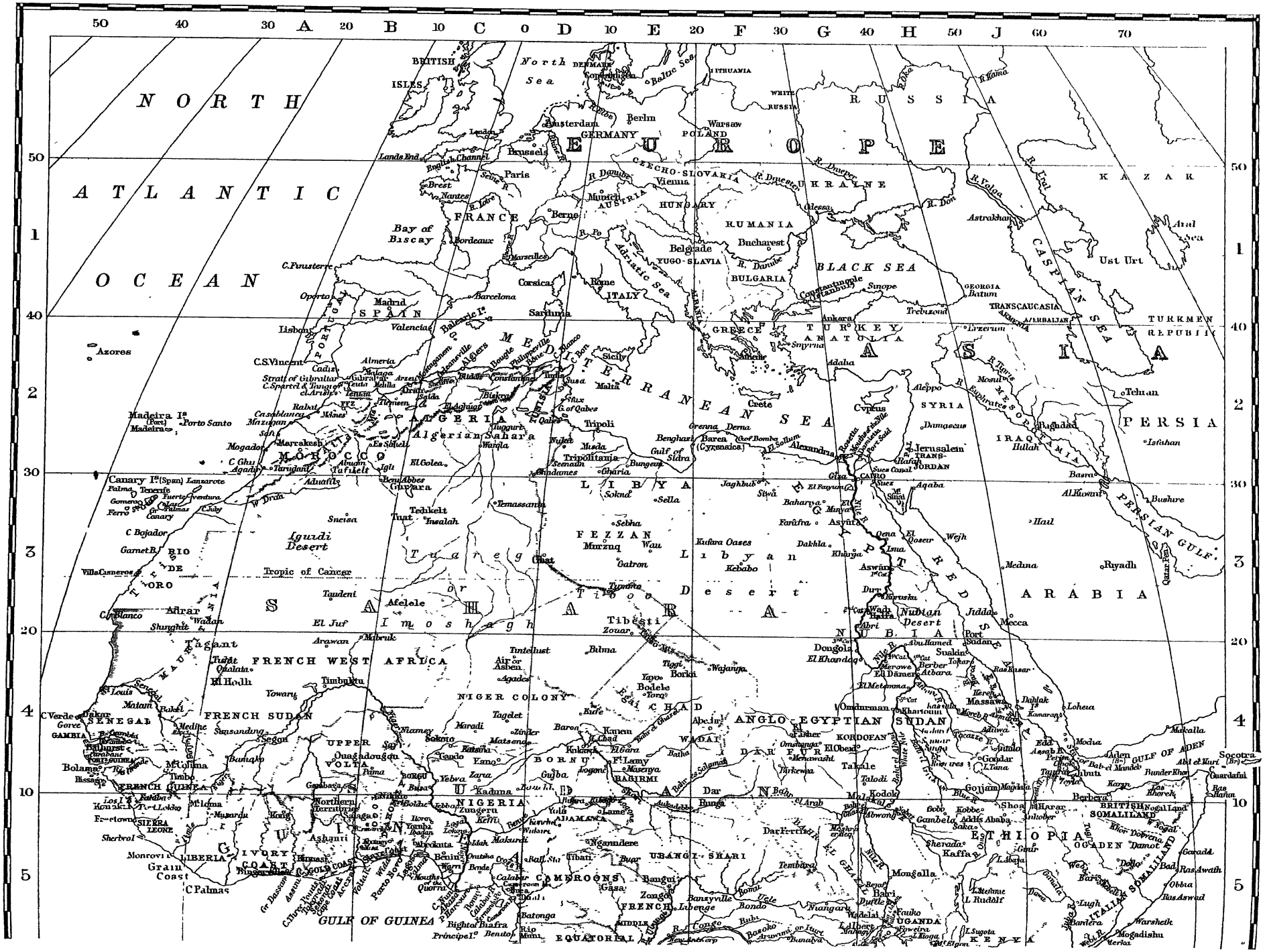


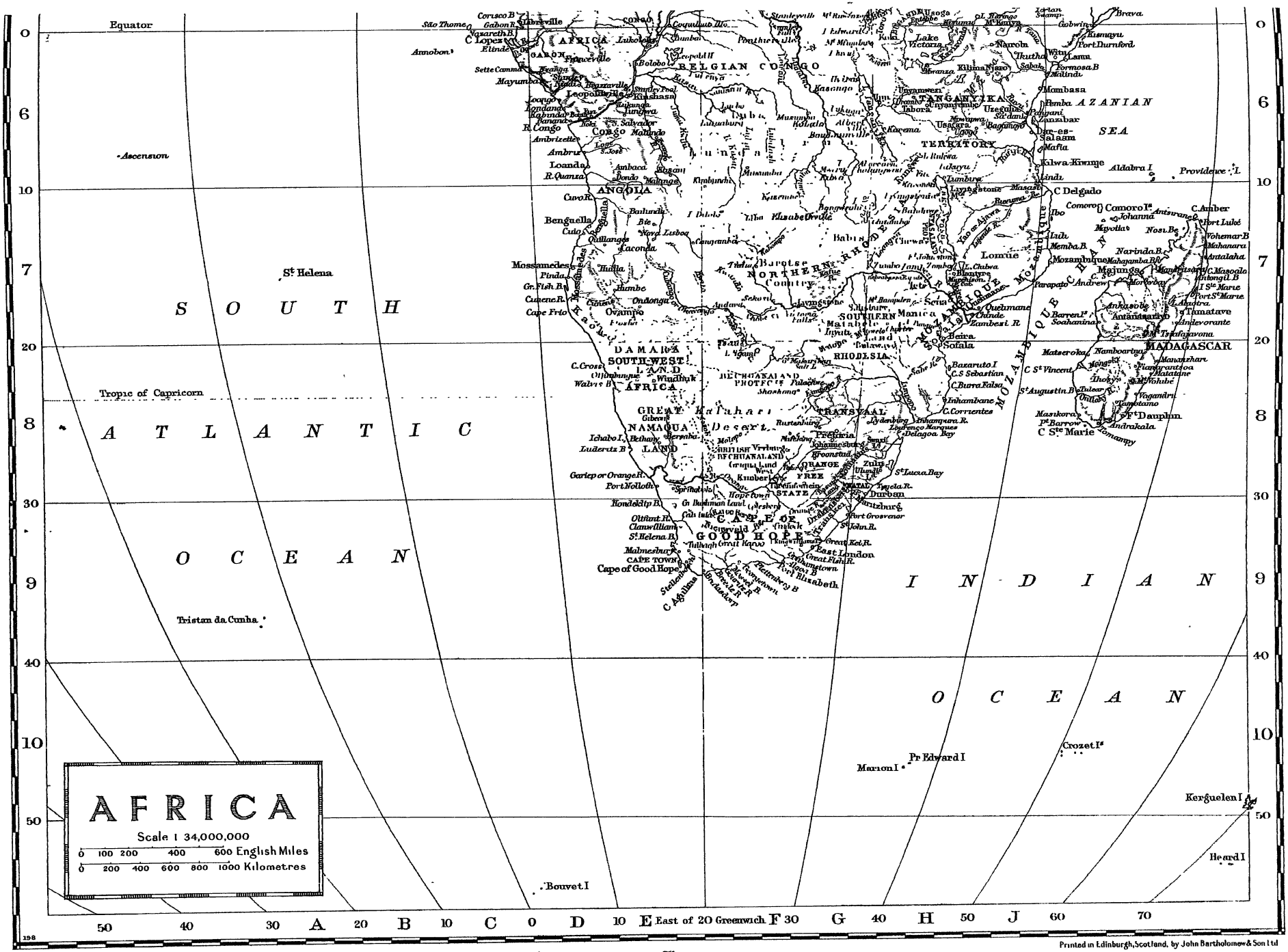
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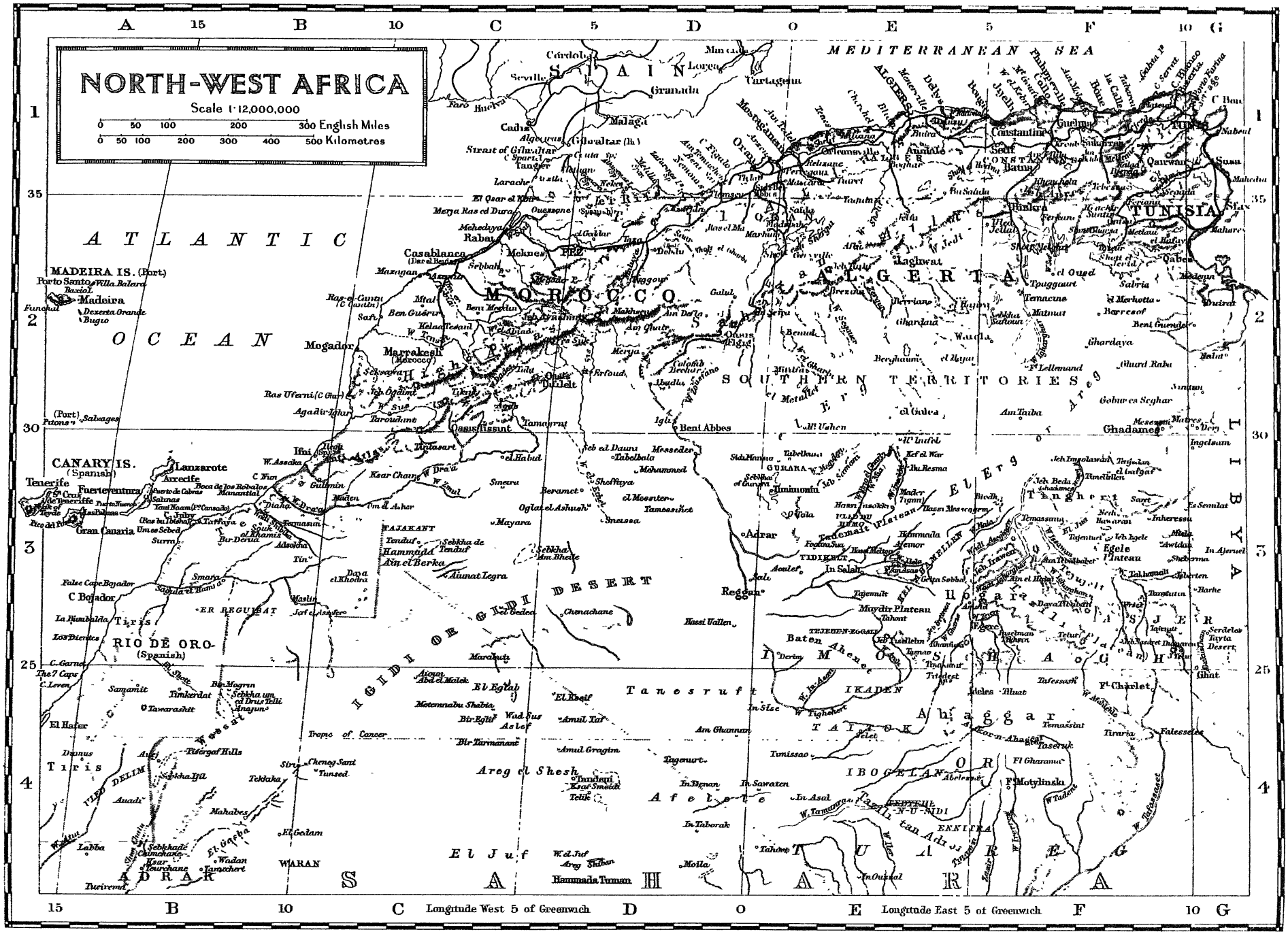

JAPAN
Scale 1 6,000,000
0 50 100 150 English Miles
0 50 100 150 200 250 Kilometres
MANCHURIA
FENGTIEN
KIRIN
HEILUNGKIANG
NORTH HEIAN
SOUTH HEIAN
KANKYÔ
KÔGEN
KEIKI
SEOUL (KEIJYÔ)
NORTH TYÛSEI
SOUTH TYÛSEI
NORTH KEISYÔ
SOUTH KEISYÔ
ZENRA
KOREA (CHOSEN)
SEA OF JAPAN
YELLOW SEA
Korea Bay
Broughton Bay
Peter the Great Bay
Vladivostok
Nikolsk Ussuriska
Gensan
Fusan
Chosen Strait
Tsu-shima
Quelpart I.
Goto Rettô
Nagasaki
Oki Shima
HONSHU
SHIKOKU
KYUSHU
Tosa Bay
Bungo Strait
Vladivostok to Nagasaki 450 m.
Vladivostok to Tsuruga 490 m.
Nagasaki to Vladivostok 650 m.
Shanghai to Nagasaki 470 m.
Shanghai to Kobe 780 m.
Shanghai to Yokohama 1030 m.
Hong Kong to Yokohama 1585 m.

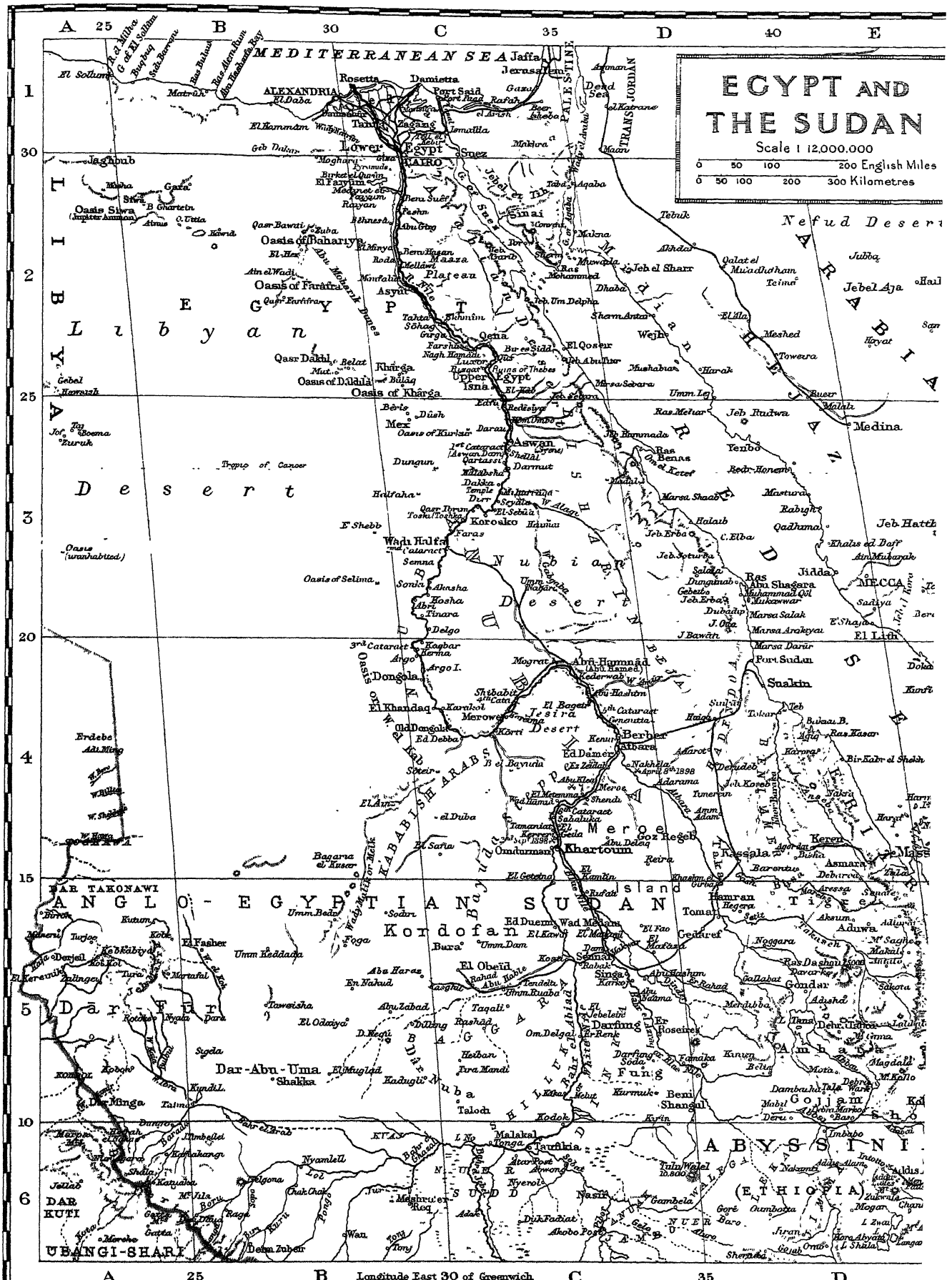


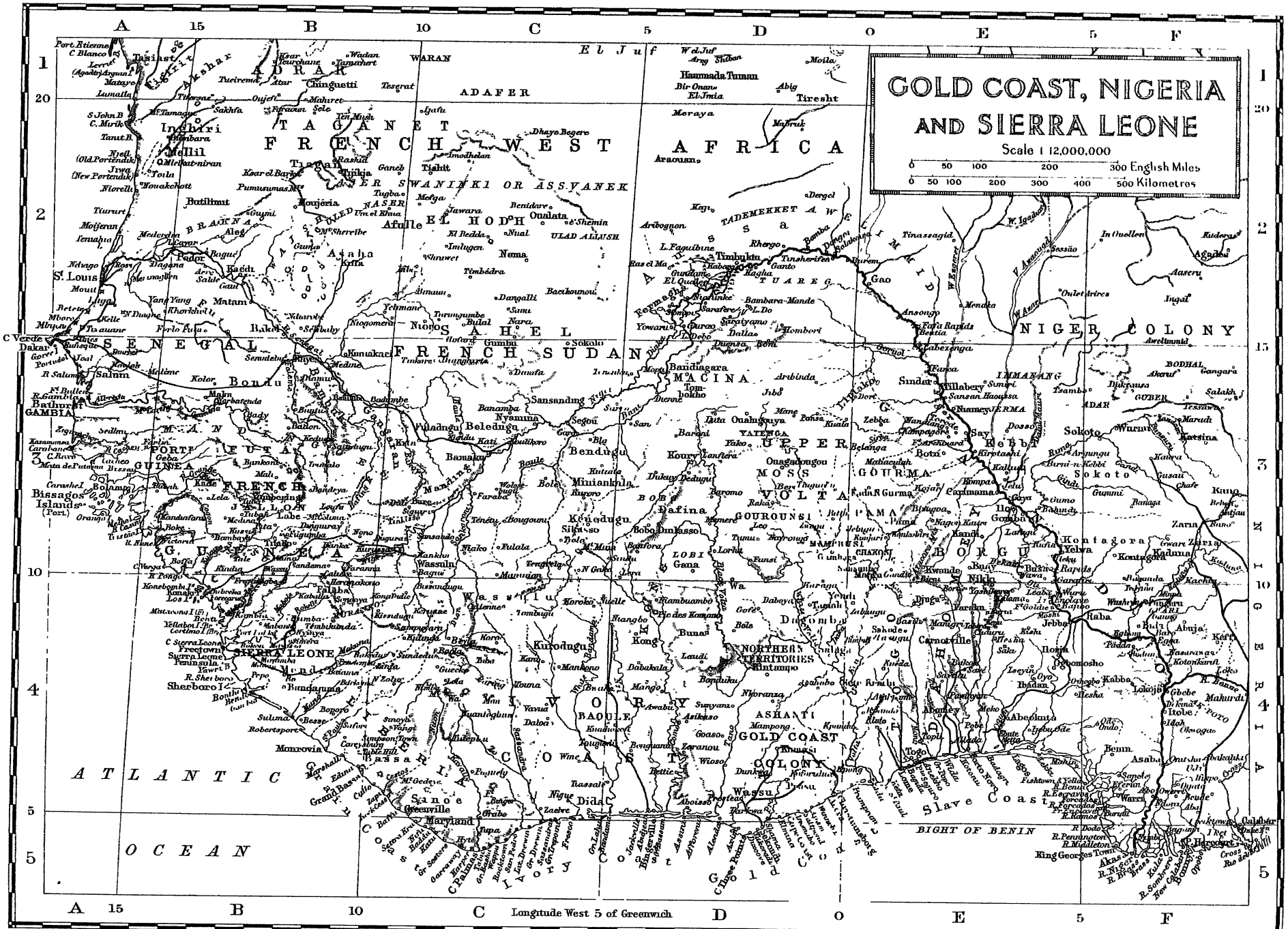
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NORTH ATLANTIC OCEAN
EUROPE
ASIA
AFRICA
MEDITERRANEAN SEA
BLACK SEA
CASPIAN SEA
RED SEA
PERSIAN GULF
GULF OF GUINEA
GULF OF ADEN
Sahara
Libyan Desert
Nubian Desert
Arabian Desert
Tropic of Cancer
Equator
FRANCE
SPAIN
PORTUGAL
ITALY
GERMANY
POLAND
RUSSIA
AUSTRIA
HUNGARY
RUMANIA
BULGARIA
YUGO-SLAVIA
GREECE
TURKEY
ANATOLIA
SYRIA
IRAQ
PERSIA
ARABIA
EGYPT
LIBYA
ALGERIA
MOROCCO
NIGERIA
FRENCH WEST AFRICA
FRENCH SUDAN
NIGER COLONY
SENEGAL
FRENCH GUINEA
IVORY COAST
GOLD COAST
LIBERIA
SIERRA LEONE
ANGLO-EGYPTIAN SUDAN
ABYSSINIA
ETHIOPIA
ITALIAN SOMALILAND
BRITISH SOMALILAND
UGANDA
KENYA
CAMEROONS
FRENCH EQUATORIAL
BELGIAN CONGO
Azores
Madeira Is
Canary Is (Span)
Cape Verde
Gibraltar
Malta
Sicily
Corsica
Crete
Cyprus
Lisbon
Madrid
Paris
Berlin
Warsaw
Vienna
Budapest
Belgrade
Bucharest
Constantinople
Athens
Rome
Brussels
Amsterdam
Copenhagen
Moscow
Tripoli
Algiers
Tunis
Cairo
Alexandria
Jerusalem
Baghdad
Tehran
Mecca
Medina
Riyadh
Aden
Khartoum
Addis Ababa
Dakar
Timbuktu
Lagos
Accra
Monrovia
Freetown
Bathurst
Bissau
Conakry
Bamako
Kano
Zaria
Ibadan
Benin
Calabar
Douala
Libreville
Brazzaville
Leopoldville
Stanleyville
Elisabethville
Bangui
Fort Lamy
Abeche
Fashoda
Juba
Mombasa
Nairobi
Kampala
Entebbe
Lake Victoria
Lake Tchad
Lake Rudolf
Lake Albert
Lake Tanganyika
Lake Nyasa
Victoria Nile
Blue Nile
White Nile
Niger R
Congo R
Zambesi R
Volta R
Senegal R
Gambia R
Euphrates R
Tigris R
Red Sea
Persian Gulf
Gulf of Aden
Gulf of Guinea
Suez Canal
Aswan
Luxor
Karnak
Thebes
Memphis
Alexandria
Port Said
Suez
Aqaba
Jaffa
Haifa
Beirut
Damascus
Aleppo
Mosul
Basra
Baghdad
Ctesiphon
Isfahan
Shiraz
Bushire
Hormuz
Muscat
Aden
Socotra
Massawa
Asmara
Harar
Jibuti
Berbera
Mogadishu
Kismayu
Lamu
Zanzibar
Dar es Salaam
Tanga
Mombasa
Nairobi
Kisumu
Entebbe
Kampala
Gondar
Lake Tana
Addis Ababa
Harar
Jibuti
Berbera
Mogadishu
Kismayu
Lamu
Zanzibar
Dar es Salaam
Tanga
Mombasa
Nairobi
Kisumu
Entebbe
Kampala
Lake Victoria

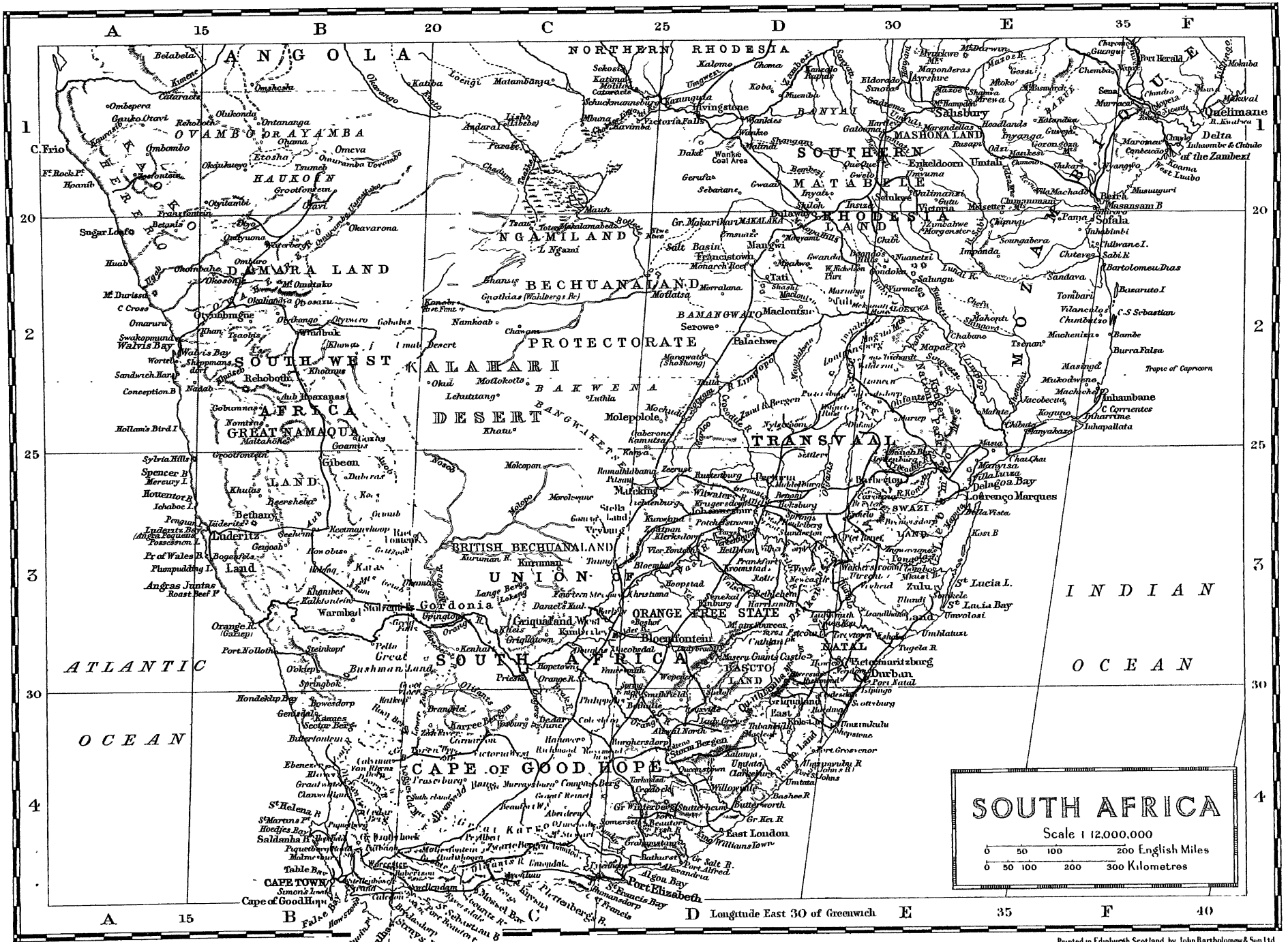

AFRICA
Scale 1 34,000,000
0 100 200 400 600 English Miles
0 200 400 600 800 1000 Kilometres
Equator
Tropic of Capricorn
ATLANTIC OCEAN
INDIAN OCEAN
SOUTH OCEAN
AFRICA
BELGIAN CONGO
ANGOLA
SOUTH-WEST AFRICA
BECHUANALAND PROTECTORATE
GREAT Kalahari Desert
NAMAQUA LAND
BRITISH BECHUANALAND
ORANGE FREE STATE
CAPE OF GOOD HOPE
TRANSVAAL
NATAL
RHODESIA
NORTHERN TERRITORY
SOUTHERN Mashonaland
Matabeleland
Barotse
Country
TANGANYIKA TERRITORY
MOZAMBIQUE
MADAGASCAR
Cape of Good Hope
St Helena
Ascension
Tristan da Cunha
Bouvet I
Pr Edward I
Marion I
Crozet Is
Kerguelen I
Heard I
East of 20 Greenwich
Printed in Edinburgh, Scotland, by John Bartholomew & Son Ltd
Encyclopædia Britannica


NORTH-WEST AFRICA
Scale 1:12,000,000
0 50 100 200 300 English Miles
0 50 100 200 300 400 500 Kilometres
MEDITERRANEAN SEA
ATLANTIC OCEAN
SPAIN
ALGERIA
TUNISIA
LIBYA
MOROCCO
SOUTHERN TERRITORIES
MADEIRA IS. (Port.)
Porto Santo
Madeira
CANARY IS. (Spanish)
Lanzarote
Tenerife
Fuerteventura
Gran Canaria
RIO DE ORO (Spanish)
C Bojador
C Blanco
Casablanca
Rabat
Mogador
Marrakesh
Agadir-Ighir
Ifni
Tarfaya
Bent Abbes
Oasis Figuig
Adrar
Reggan
Tindouf
Hammada Tuman
Ghadames
Tripoli
Tunis
Algiers
Oran
Constantine
Annaba
Sfax
Susa
Gabes
Tangier
Fez
Meknes
Tlemcen
Laghouat
Biskra
Touggourt
Tamanrasset
Ghardaia
Tebessa
Nabeul
Qairwan
Tozeur
Nefta
Tripoli
Sabratha
Leptis Magna
Homs
Misurata
Zuara
Gadames
Ghat
Murzuk
Sebha
Hun
Zella
Waddan
Bir Hakeim
Jalo
Kufra
Tibesti
Ennedi
Borkou
Ahaggar
Tassili n Ajjer
Tibesti
Air
Tenere
Fezzan
Hamada el Hamra
Serir Calanscio
Sirte
Gulf of Sirte
Gulf of Gabes
Gulf of Hammamet
Gulf of Tunis
Strait of Gibraltar
Cape Bon
Cape Blanc
Cape Spartel
Cape Tenes
Cape Ferat
Cape Bougaroun
Cape Serrat
Cape Blanco
Cape Bon
Cape Farina

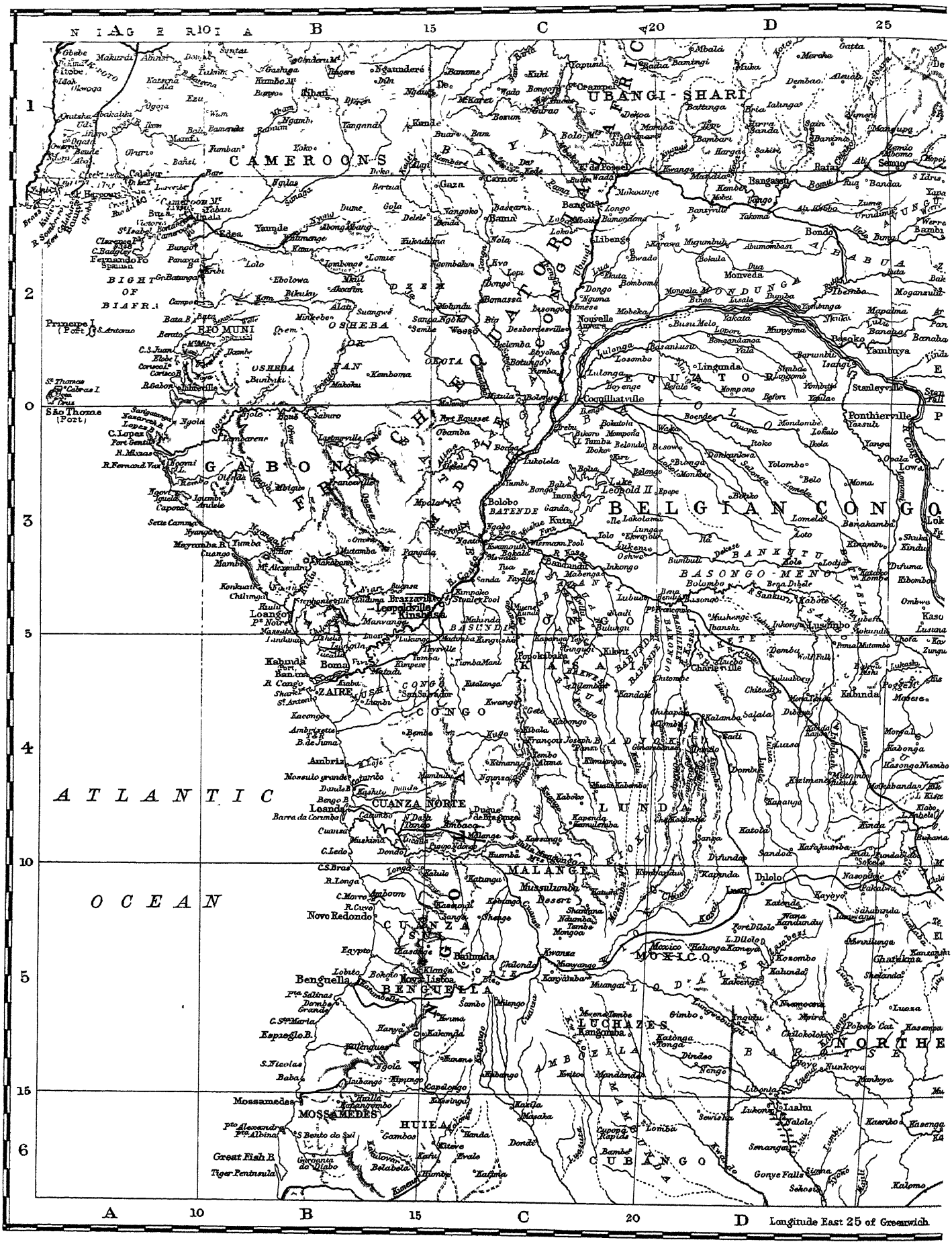

EGYPT AND THE SUDAN
Scale 1 12,000,000
0 50 100 200 English Miles
0 50 100 200 300 Kilometres
MEDITERRANEAN SEA
ALEXANDRIA
Rosetta
Damietta
Port Said
Jaffa
Jerusalem
Dead Sea
PALESTINE
TRANS JORDAN
Lower Egypt
CAIRO
Suez
Gulf of Suez
Red Sea
Sinai
Nefud Desert
Libyan Desert
Oasis Siwa
Oasis of Baharîya
Oasis of Farâfra
Oasis of Dâkhla
Oasis of Khârga
Upper Egypt
Asyût
Qena
Luxor
Ruins of Thebes
Isna
Aswan
1st Cataract
Tropic of Cancer
Wadi Halfa
2nd Cataract
Korosko
Abu Hamad
Dongola
3rd Cataract
4th Cataract
5th Cataract
Nubian Desert
Berber
Atbara
Khartoum
Omdurman
Merowe
Jebel Barkal
Ed Debba
El Obeid
Kordofan
Dar-Abu-Uma
Dar Tâkonawi
Anglo-Egyptian Sudan
Dar Fûr
Dar Kuti
Ubangi-Shari
Kababish Arabs
Bayuda Desert
Nubian Desert
Jezira
Gezira
Blue Nile
White Nile
Atbara River
Sobat
Abyssinia
(Ethiopia)
Gondar
Gojjam
Kassala
Port Sudan
Suakin
Jidda
Mecca
Medina
Yenbo
Ras Benas
Ras Mohammad
Jebel Aja
Hail
Tebuk
Meshed
Towerra
Harak
Mushabar
Wejh
Jeb el Sharr
Qalat el Mu'adudham
Jubba
Haiyat
Sam
Ras Mehar
Jeb Rudwa
Jeb Bammada
Marsa Shaab
Rabigh
Qadhama
Khalis ed Dafr
Ain Muhayak
Jeb Hatth
Marsa Salak
Marsa Arakeya
El Lith
Marsa Darur
Port Sudan
Suakin
Tokar
Sinkat
Kassala
Gedaref
Aduwa
Adigrat
Makalle
Adigrat
Asmara
Keren
Massawa
Aksum
Adowa
Gondar
Lake Tana
Blue Nile
Tigre
Amba Sel
Magdala
Debra Tabor
Gojjam
Lake Rudolf
Nyanza
Uganda
Nile
Equator
Longitude East 30 of Greenwich
Encyclopedia Britannica
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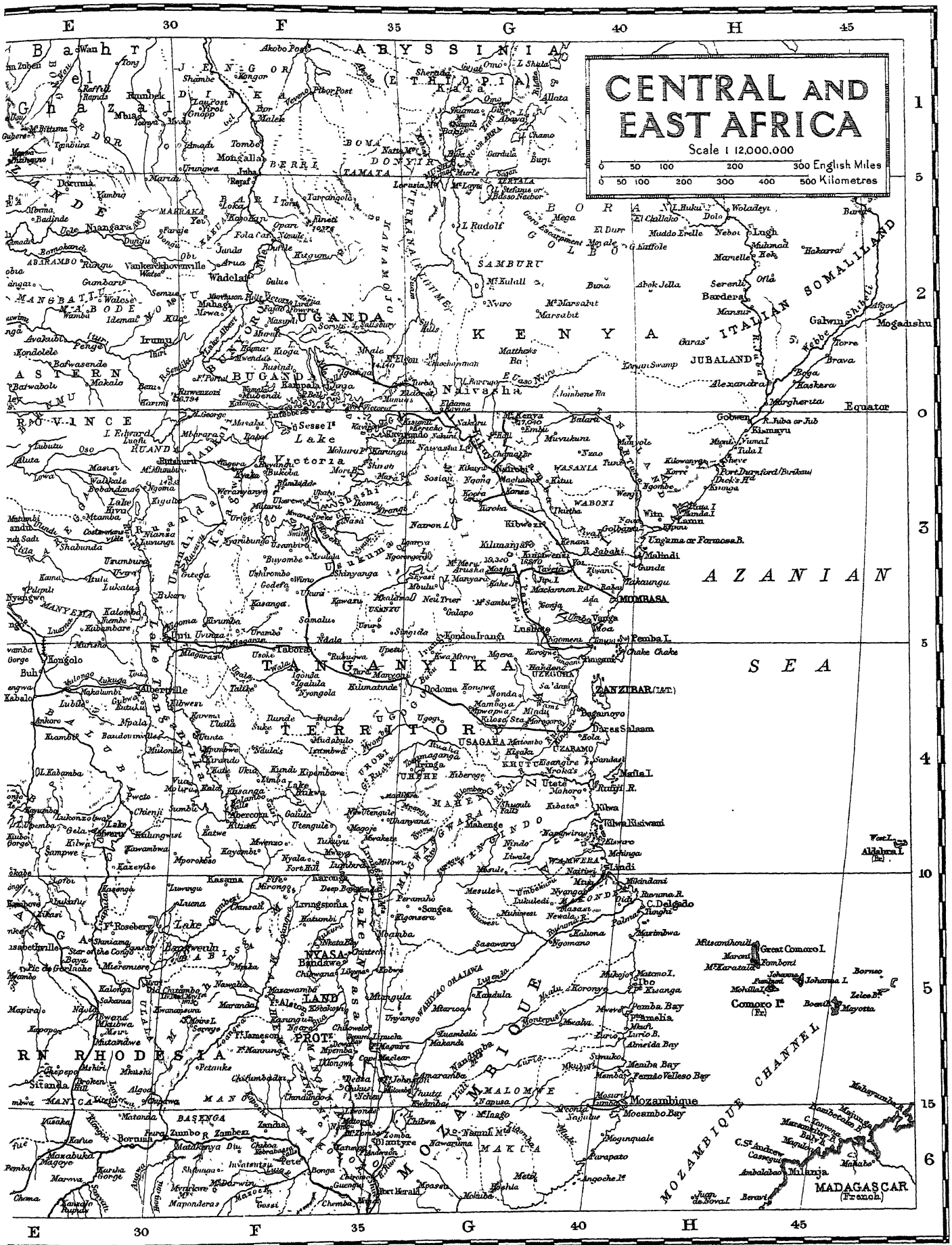


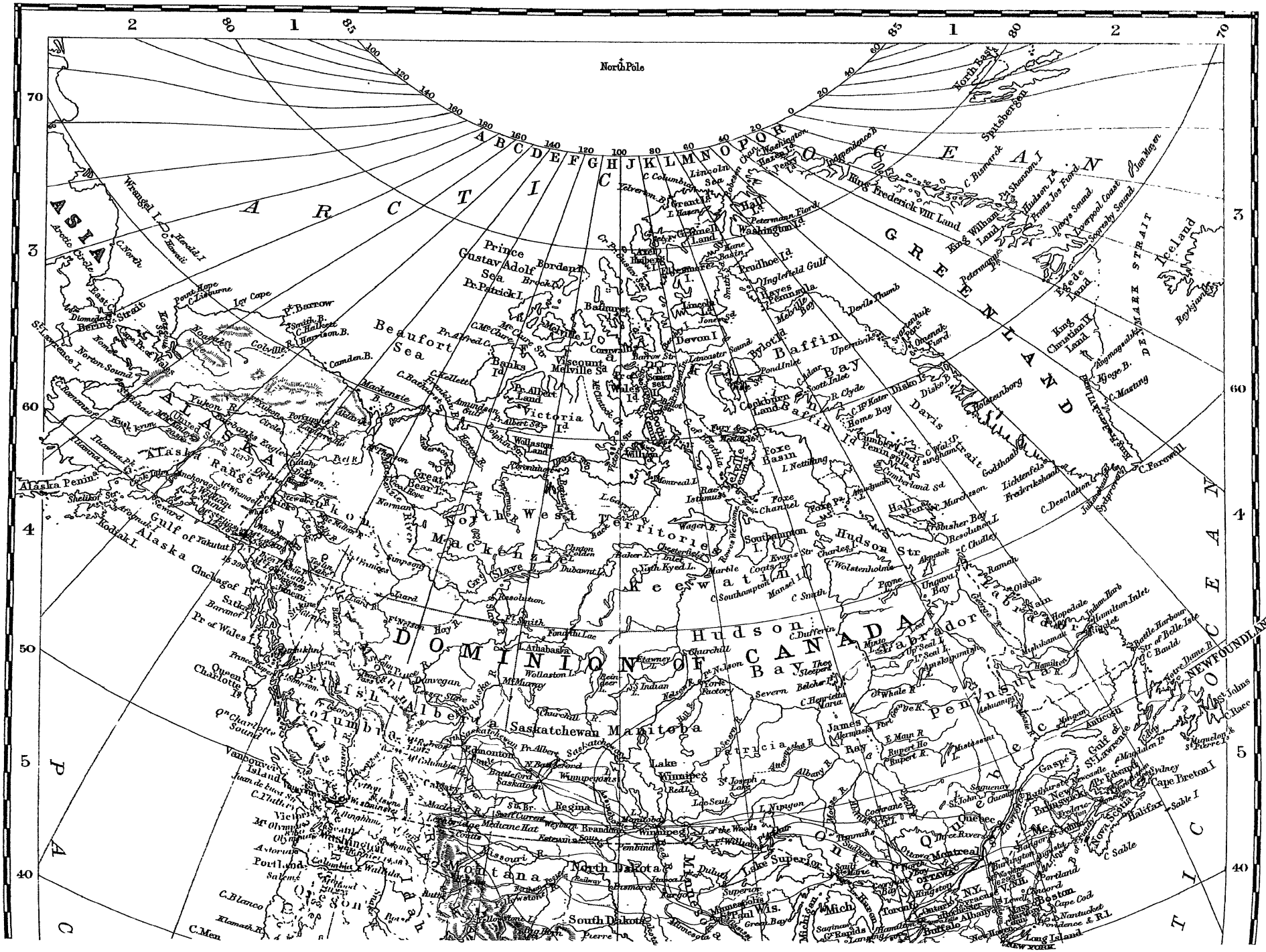
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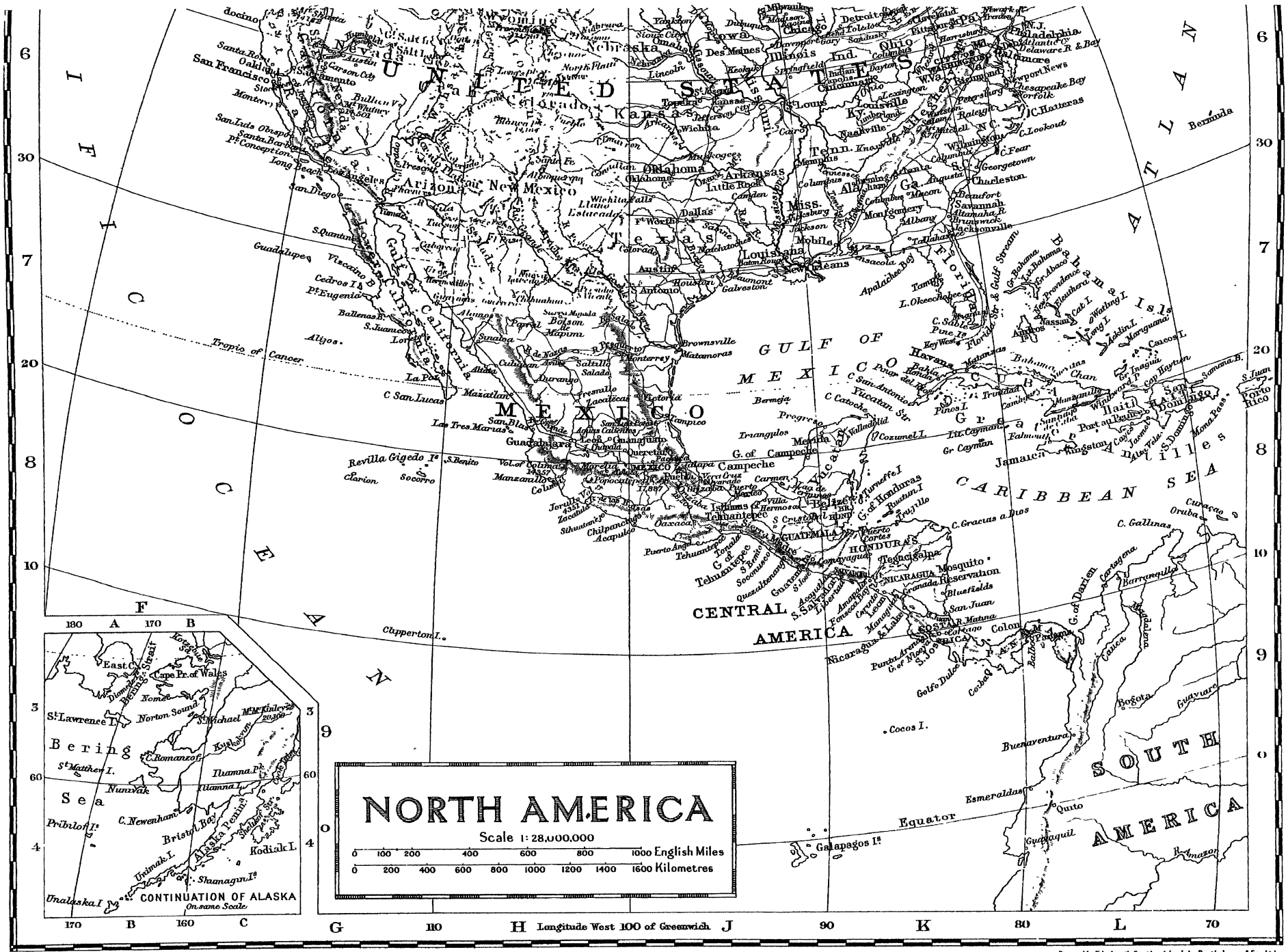


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NIGERIA
CAMEROONS
BIGHT OF BIAFRA
ATLANTIC OCEAN
GABON
FRENCH EQUATORIAL AFRICA
SPANISH GUINEA
BELGIAN CONGO
UBANGI-SHARI
CHAD
Fernando Po
Spanish
Principe I. (Port.)
São Thome (Port.)
Leopoldville
Kinshasé
Brazzaville
Boma
Loanda
Benguella
Mossamedes
Novo Redondo
Great Fish B.
Tiger Peninsula
Lake Leopold II
Coquilhatville
Stanleyville
Ponthierville
Bolobo
Lukolela
Port Rousset
Libreville
Port Gentil
Cap Lopez
Cabinda
Banana
Matadi
Thysville
Kikwit
Luebo
Luluabourg
Bakwanga
Elisabethville
Jadotville
Kolwezi
Albertville
Usumbura
Kigoma
Ujiji
Fort Rosebery
Abercorn
Fort Jameson
Fort Manning
Fort Dilolo
Lusaka
Broken Hill
Kasama
Bismarckville
Kasenga
Sakania
Ndola
Kitwe
Chingola
Mufulira
Luanshya
Chilonga
Mpika
Kasama
Abercorn
Fort Hill
Fort Rosebery


CENTRAL AND EAST AFRICA
Scale 1 12,000,000
0 50 100 200 300 English Miles
0 50 100 200 300 400 500 Kilometres
E 30 F 35 G 40 H 45
ABYSSINIA
ETHIOPIA
ITALIAN SOMALILAND
KENYA
UGANDA
TANGANYIKA TERRITORY
RUANDA-URUNDI
BELGIAN CONGO
NORTHERN RHODESIA
NYASALAND
PORTUGUESE EAST AFRICA
MOZAMBIQUE
AZANIAN SEA
MOZAMBIQUE CHANNEL
MADAGASCAR (French)
Lake Victoria
Lake Rudolf
Lake Albert
Lake Tanganyika
Lake Nyasa
Lake Bangweulu
Lake Mweru
Lake Kivu
Lake Edward
Lake Naivasha
Lake Stefanie or Basso Narbor
Lake Chamo
Lake Abaya
Lake Margherita
Lake Rudolf
Mt Kenya 17,040
Mt Elgon 14,140
Mt Kulal
Mt Marsabit
Mt Mery 10,320
Mt Sambu
Mt Meru 14,900
Mt Kilimanjaro 19,710
Mt Hanang 11,020
Mt Darwin
Mt Inago
Mt Zomba
Mt Mlanje
Mt Gorongosa
Mt Namuli
Mt Chiperone
Mt Morambala
Mt Chiradzulu
Mt Mulanje
Mt Zomba

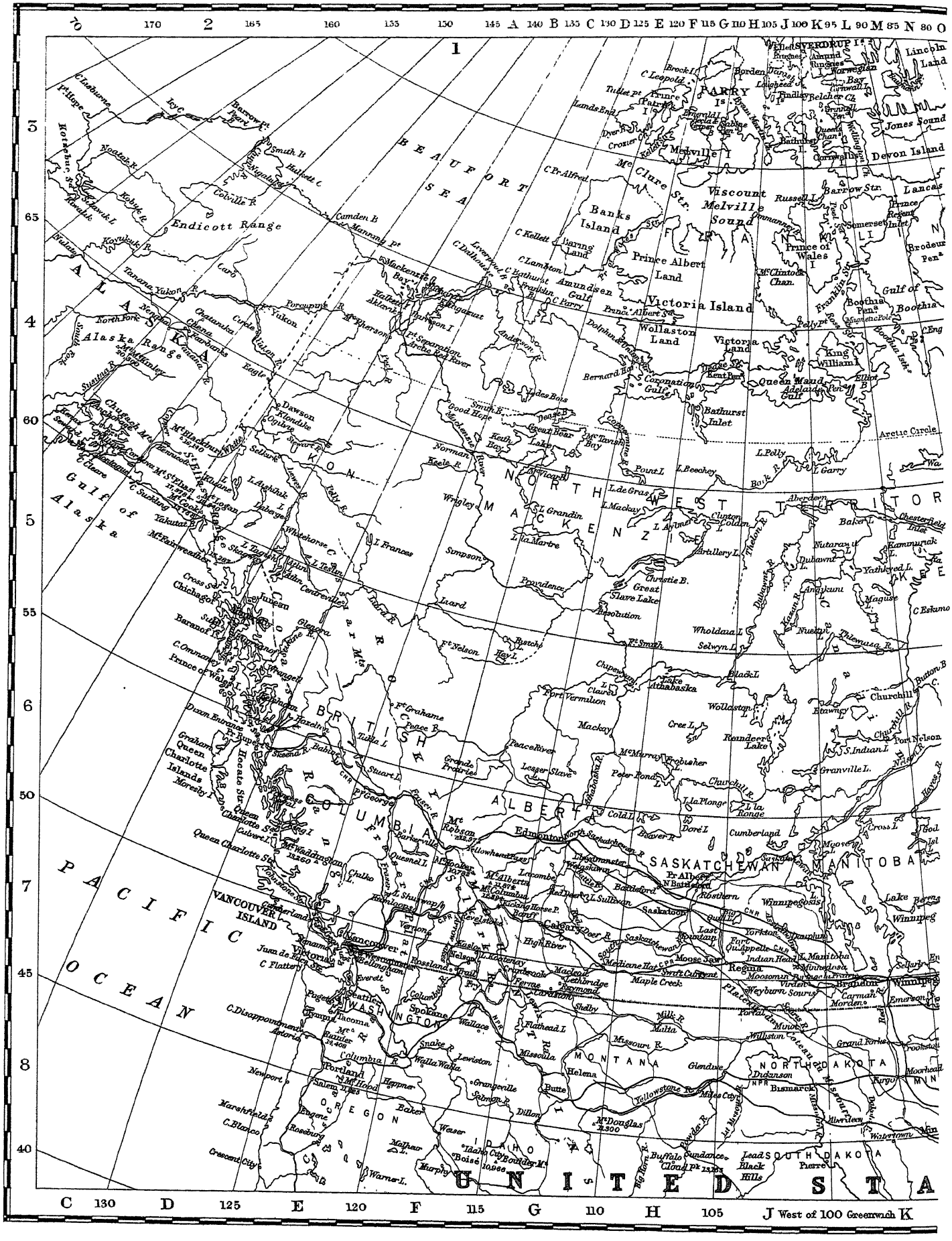

North Pole
ARCTIC OCEAN
DOMINION OF CANADA
GREENLAND
ALASKA
Beaufort Sea
Prince Gustav Adolf Sea
Baffin Bay
Hudson Bay
Foxe Basin
Foxe Channel
Davis Str.
Hudson Str.
Labrador Peninsula
NEWFOUNDLAND
Alaska Range
Mackenzie R.
Great Bear L.
Great Slave L.
Athabasca L.
Lake Winnipeg
Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
Hudson Bay
James Bay
Gulf of St. Lawrence
Gulf of Alaska
Gulf of Boothia
Gulf of Georgia
Queen Charlotte Is.
Vancouver Island
Prince of Wales I.
Baffin I.
Victoria I.
Banks Id.
Melville I.
Devon I.
Ellesmere I.
Axel Heiberg I.
Grant Land
Greenland
Iceland
Spitsbergen
Jan Mayen
Jones Sd.
Smith Sd.
Kane Basin
Kennedy Channel
Robeson Channel
Lincoln Sea
Nares Str.
Lancaster Sound
Barrow Str.
Prince Regent Inlet
Boothia Peninsula
Melville Bay
Disko I.
Disko B.
Cumberland Peninsula
Frobisher Bay
Resolution I.
Southampton I.
Coats I.
Mansel I.
Akpatok I.
Belcher Is.
Nottingham I.
Salisbury I.
Cape Farewell
Cape Desolation
Godthaab
Holsteinborg
Upernivik
Pond Inlet
Fury and Hecla Str.
Melville Sd.
Lancaster Sd.
Jones Sd.
Wellington Channel
Queen Elizabeth Is.
Ellesmere Land
Grinnell Land
Washington Land
Peary Land
Hall Land
King Frederick VIII Land
King William Land
King Christian IX Land
King Christian X Land
Prince Patrick I.
Borden I.
Brock I.
Mackenzie B.
Amundsen Gulf
Coronation Gulf
Dease Str.
Victoria Str.
Franklin B.
Wollaston Land
Prince Albert Land
Prince Albert Sd.
Prince of Wales Str.
Queen Maud Gulf
Wager B.
Repulse Bay
Chesterfield Inlet
Baker L.
Yathkyed L.
Marble I.
Coats Land
Southampton I.
Hudson Str.
Ungava Bay
Hopedale
Hamilton Inlet
Battle Harbour
Belle Isle Str.
Belle Isle
Cape Bauld
Cape Norman
Cape Anguille
Cape Ray
St. John's
Cape Race
Placentia B.
Trinity B.
Bonavista B.
Notre Dame B.
Notre Dame Mts.
Gaspé
Anticosti
Mingan Is.
Magdalen Is.
Cape Breton I.
Sydney
Halifax
Sable I.
Cape Sable
St. Lawrence R.
Gulf of St. Lawrence
Quebec
Montreal
Ottawa
Three Rivers
Lake St. John
Saguenay R.
Chicoutimi
Rimouski
Metapedia
Restigouche
Campbellton
Bathurst
Newcastle
Moncton
Fredericton
St. John
Chatham
Miramichi B.
Shediac
Sackville
Amherst
Pictou
New Glasgow
Truro
Yarmouth
Digby
Annapolis
Windsor
Kentville
Wolfville
Grand Pré
Liverpool
Shelburne
Lunenburg
Bridgewater
Mahone Bay
Chester
Lockeport
Barrington
Cape Sable
Port Hawkesbury
Canso
Antigonish
Pictou
Charlottetown
Summerside
Prince Edward I.
Cape Tormentine
Cape Traverse
Northumberland Str.
Confederation Bridge
Edmundston
Grand Falls
Woodstock
Perth
Andover
Aroostook R.
Presque Isle
Caribou
Houlton
Bangor
Portland
Boston
Cape Cod
Nantucket
Providence & R.I.
Concord
Lowell
Worcester
Springfield
Albany
Troy
Schenectady
Utica
Rochester
Buffalo
Niagara Falls
Toronto
Kingston
Ottawa
Montreal
Quebec
Three Rivers
Sherbrooke
Lake Champlain
Burlington
Vt.
N.H.
Mass.
R.I.
Conn.
N.Y.
Mich.
Wis.
Minn.
Ill.
Ind.
Ohio
Pa.
N.J.
Md.
Del.
Va.
W.Va.
Ky.
Tenn.
N.C.
S.C.
Ga.
Fla.
Ala.
Miss.
La.
Texas
Arkansas
Missouri
Iowa
Kansas
Nebraska
Colorado
New Mexico
Arizona
Utah
Nevada
California
Oregon
Washington
Idaho
Montana
North Dakota
South Dakota
Wyoming
Alaska
Yukon R.
Klondike
Dawson
Whitehorse
Mayo
Stewart R.
Pelly R.
Liard R.
Fort Simpson
Fort Smith
Fort Resolution
Fort Providence
Fort Rae
Fort Norman
Fort Good Hope
Arctic Red R.
Peel R.
Rat R.
Porcupine R.
Fort Yukon
Circle
Eagle
Tanana R.
Fairbanks
Nenana
Healy
Mt. McKinley
Anchorage
Cook Inlet
Kodiak I.
Alaska Peninsula
Aleutian Is.
Unimak I.
Bering Sea
Bering Str.
Diomede Is.
East Cape
Wrangel I.
Herald I.
Barrow
Point Hope
Cape Lisburne
Icy Cape
Kotzebue Sd.
Seward Peninsula
Nome
Norton Sound
St. Lawrence I.
Kuskokwim R.
Yukon R.
Alaska
Siberia
Asia
Arctic Circle
Tropic of Cancer
Equator
Prime Meridian
Greenwich
Pacific Ocean
Atlantic Ocean
Hudson Bay
Foxe Basin
Foxe Channel
Davis Str.
Baffin Bay
Labrador Sea
Gulf of St. Lawrence
Gulf of Alaska
Gulf of Georgia
Queen Charlotte Is.
Vancouver Island
Prince of Wales I.
Baffin I.
Victoria I.
Banks Id.
Melville I.
Devon I.
Ellesmere I.
Axel Heiberg I.
Grant Land
Greenland
Iceland
Spitsbergen
Jan Mayen
Jones Sd.
Smith Sd.
Kane Basin
Kennedy Channel
Robeson Channel
Lincoln Sea
Nares Str.
Lancaster Sound
Barrow Str.
Prince Regent Inlet
Boothia Peninsula
Melville Bay
Disko I.
Disko B.
Cumberland Peninsula
Frobisher Bay
Resolution I.
Southampton I.
Coats I.
Mansel I.
Akpatok I.
Belcher Is.
Nottingham I.
Salisbury I.
Cape Farewell
Cape Desolation
Godthaab
Holsteinborg
Upernivik
Pond Inlet
Fury and Hecla Str.
Melville Sd.
Lancaster Sd.
Jones Sd.
Wellington Channel
Queen Elizabeth Is.
Ellesmere Land
Grinnell Land
Washington Land
Peary Land
Hall Land
King Frederick VIII Land
King William Land
King Christian IX Land
King Christian X Land
Prince Patrick I.
Borden I.
Brock I.
Mackenzie B.
Amundsen Gulf
Coronation Gulf
Dease Str.
Victoria Str.
Franklin B.
Wollaston Land
Prince Albert Land
Prince Albert Sd.
Prince of Wales Str.
Queen Maud Gulf
Wager B.
Repulse Bay
Chesterfield Inlet
Baker L.
Yathkyed L.
Marble I.
Coats Land
Southampton I.
Hudson Str.
Ungava Bay
Hopedale
Hamilton Inlet
Battle Harbour
Belle Isle Str.
Belle Isle
Cape Bauld
Cape Norman
Cape Anguille
Cape Ray
St. John's
Cape Race
Placentia B.
Trinity B.
Bonavista B.
Notre Dame B.
Notre Dame Mts.
Gaspé
Anticosti
Mingan Is.
Magdalen Is.
Cape Breton I.
Sydney
Halifax
Sable I.
Cape Sable
St. Lawrence R.
Gulf of St. Lawrence
Quebec
Montreal
Ottawa
Three Rivers
Lake St. John
Saguenay R.
Chicoutimi
Rimouski
Metapedia
Restigouche
Campbellton
Bathurst
Newcastle
Moncton
Fredericton
St. John
Chatham
Miramichi B.
Shediac
Sackville
Amherst
Pictou
New Glasgow
Truro
Yarmouth
Digby
Annapolis
Windsor
Kentville
Wolfville
Grand Pré
Liverpool
Shelburne
Lunenburg
Bridgewater
Mahone Bay
Chester
Lockeport
Barrington
Cape Sable
Port Hawkesbury
Canso
Antigonish
Pictou
Charlottetown
Summerside
Prince Edward I.
Cape Tormentine
Cape Traverse
Northumberland Str.
Confederation Bridge
Edmundston
Grand Falls
Woodstock
Perth
Andover
Aroostook R.
Presque Isle
Caribou
Houlton
Bangor
Portland
Boston
Cape Cod
Nantucket
Providence & R.I.
Concord
Lowell
Worcester
Springfield
Albany
Troy
Schenectady
Utica
Rochester
Buffalo
Niagara Falls
Toronto
Kingston
Ottawa
Montreal
Quebec
Three Rivers
Sherbrooke
Lake Champlain
Burlington
Vt.
N.H.
Mass.
R.I.
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N.Y.
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Wis.
Minn.
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Ohio
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N.J.
Md.
Del.
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W.Va.
Ky.
Tenn.
N.C.
S.C.
Ga.
Fla.
Ala.
Miss.
La.
Texas
Arkansas
Missouri
Iowa
Kansas
Nebraska
Colorado
New Mexico
Arizona
Utah
Nevada
California
Oregon
Washington
Idaho
Montana
North Dakota
South Dakota
Wyoming
Alaska
Yukon R.
Klondike
Dawson
Whitehorse
Mayo
Stewart R.
Pelly R.
Liard R.
Fort Simpson
Fort Smith
Fort Resolution
Fort Providence
Fort Rae
Fort Norman
Fort Good Hope
Arctic Red R.
Peel R.
Rat R.
Porcupine R.
Fort Yukon
Circle
Eagle
Tanana R.
Fairbanks
Nenana
Healy
Mt. McKinley
Anchorage
Cook Inlet
Kodiak I.
Alaska Peninsula
Aleutian Is.
Unimak I.
Bering Sea
Bering Str.
Diomede Is.
East Cape
Wrangel I.
Herald I.
Barrow
Point Hope
Cape Lisburne
Icy Cape
Kotzebue Sd.
Seward Peninsula
Nome
Norton Sound
St. Lawrence I.
Kuskokwim R.
Yukon R.
Alaska
Siberia
Asia
Arctic Circle
Tropic of Cancer
Equator
Prime Meridian
Greenwich
Pacific Ocean
Atlantic Ocean

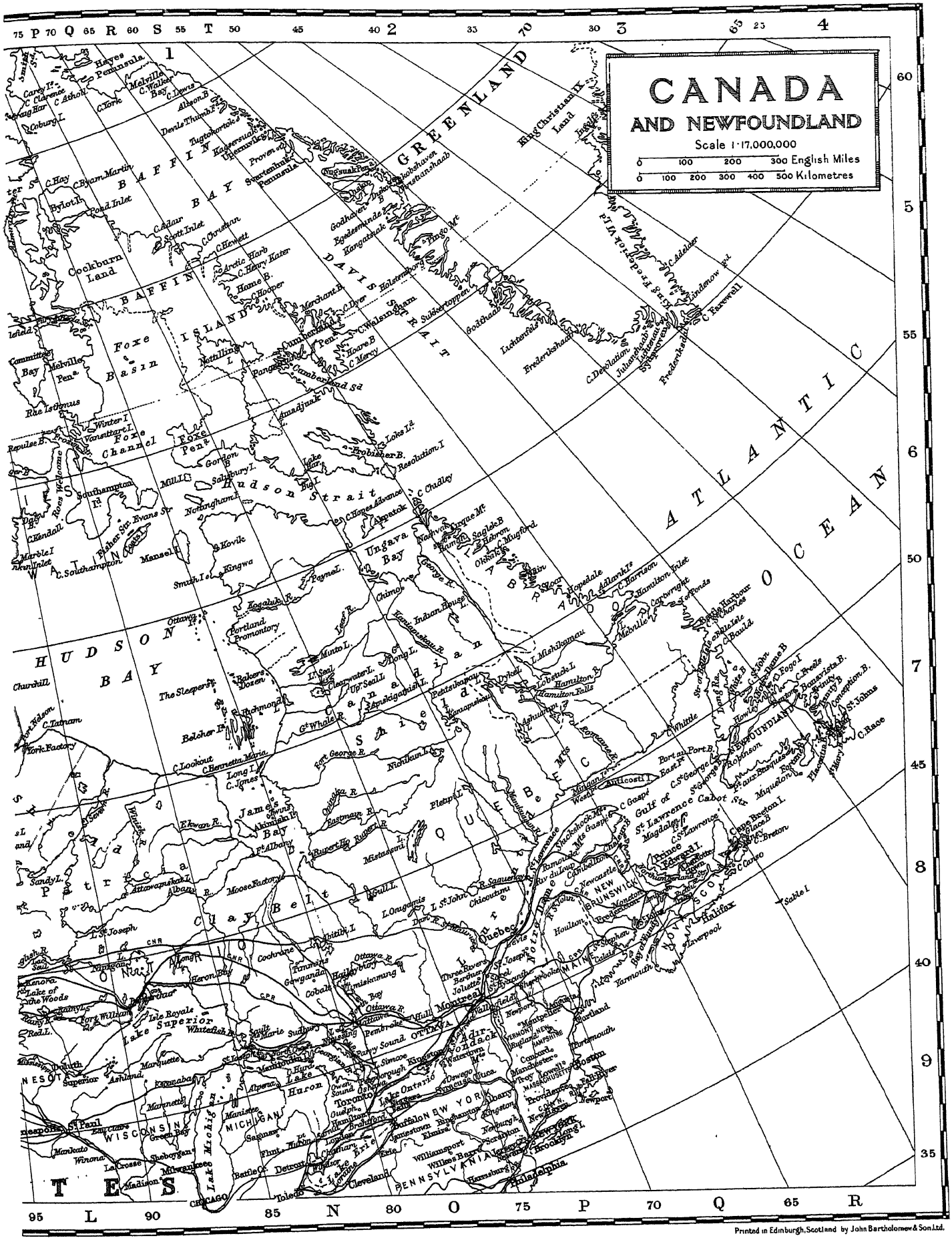


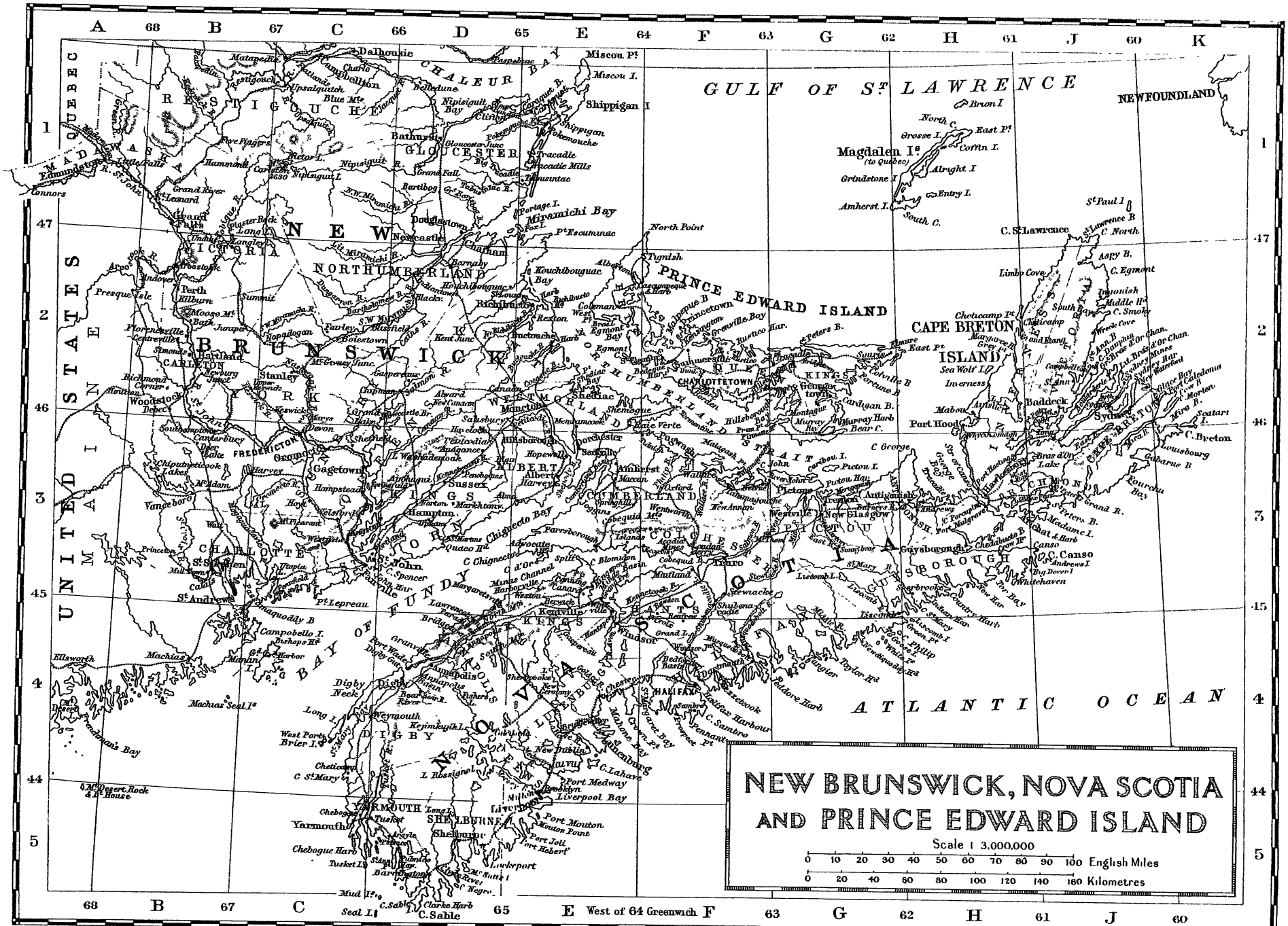
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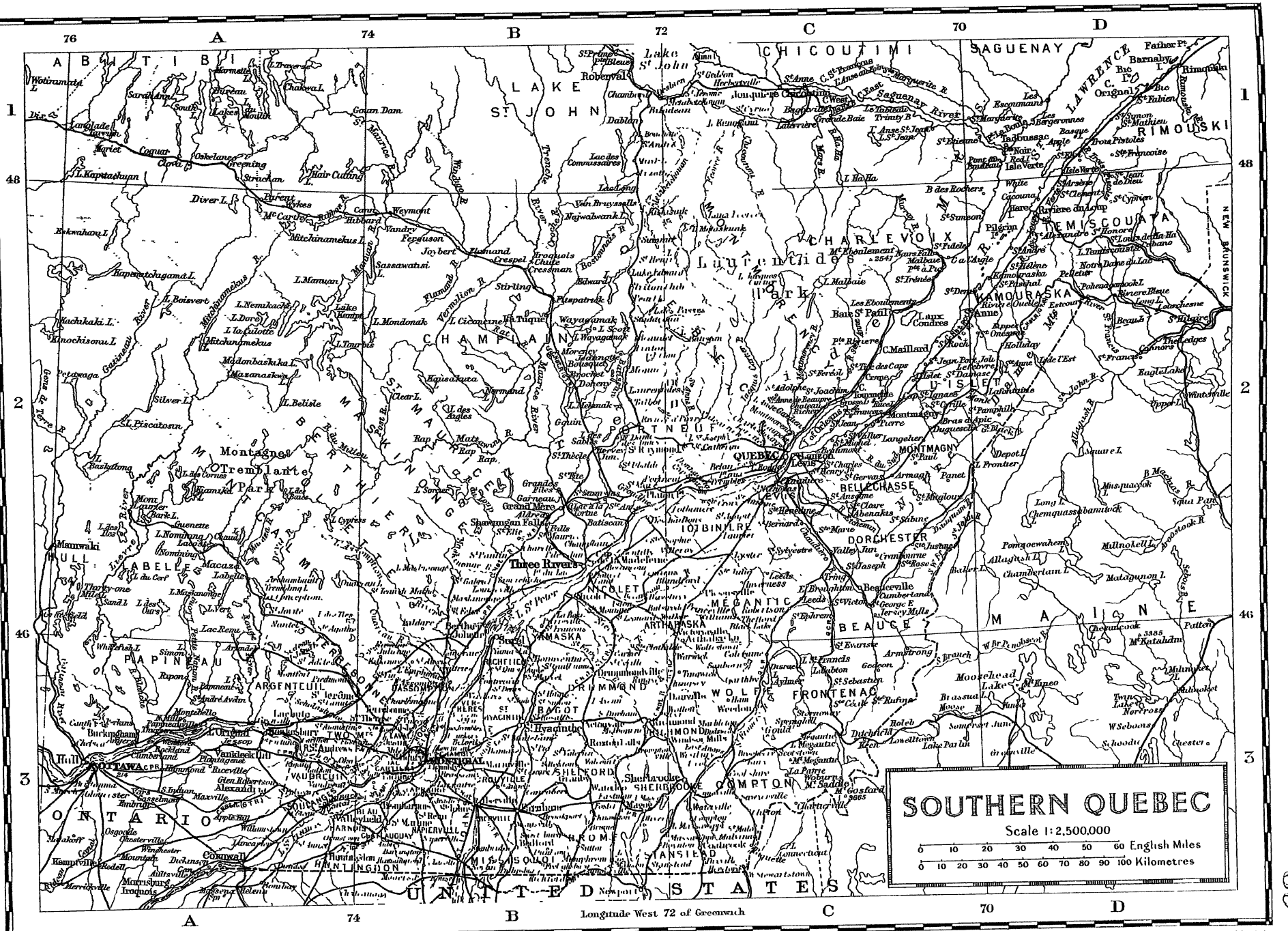
Encyclopedia Britannica

83


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55
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45
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40
BEAUFORT SEA
PACIFIC OCEAN
ALASKA
Gulf of Alaska
Endicott Range
Alaska Range
Mt McKinley 20,300
Mt Blackburn 16,140
Mt Sanford 16,208
Mt Wrangell 14,005
Mt Churchill 15,638
Mt Fairweather 15,292
Mt Logan 19,539
Mt St Elias 18,024
Mt Vancouver 15,700
Mt Hubbard 15,015
Mt Alverstone 14,500
Mt Augusta 12,760
Mt Waddington 13,260
Mt Robson 12,972
Mt Columbia 12,294
Mt Alberta 11,874
Mt Assiniboine 11,870
Mt Edith Cavell 11,033
Mt Hooker 10,781
Mt Rainier 14,408
Mt Hood 11,225
Mt Douglas 12,300
Mt Revelstoke
Mt Begbie
Mt Sir Donald
Mt Stephen
Mt Lefroy
Mt Victoria
Mt Temple
Mt Goodsir
Mt Forbes
Mt Robson
Mt Brown
Mt Hooker
Mt Assiniboine
Mt Edith Cavell
Mt Columbia
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Mt Robson
Mt Hubbard
Mt Alverstone
Mt Augusta
Mt Waddington
Mt Churchill
Mt Fairweather
Mt Logan
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Mt Victoria
Mt Temple
Mt Goodsir
Mt Forbes

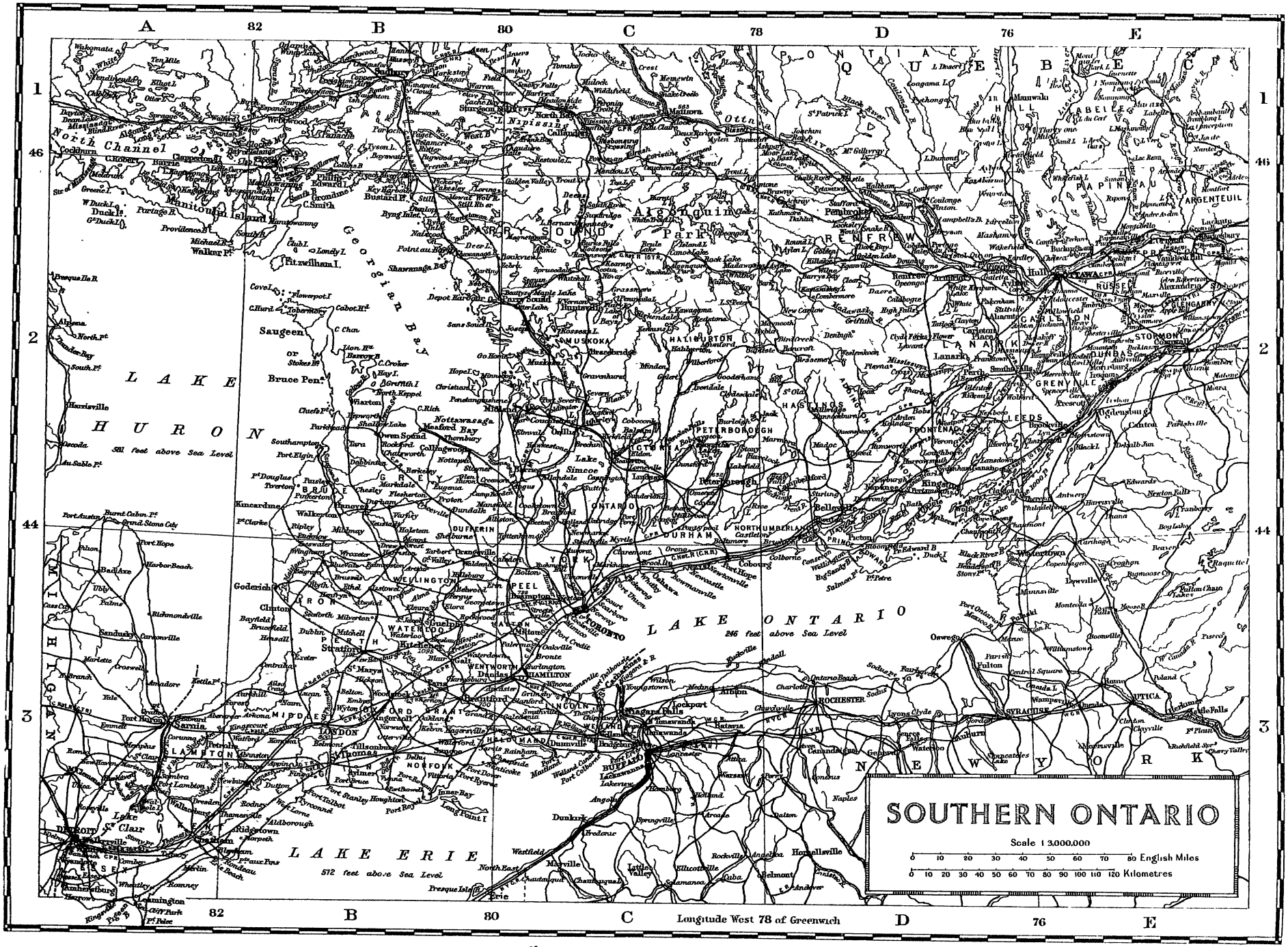

CANADA
AND NEWFOUNDLAND
Scale 1·17,000,000
0 100 200 300 English Miles
0 100 200 300 400 500 Kilometres
BAFFIN BAY
DAVIS STRAIT
GREENLAND
BAFFIN ISLAND
Foxe Basin
Foxe Channel
Foxe Pen.
HUDSON BAY
Hudson Strait
ATLANTIC OCEAN
Ungava Bay
Labrador Pen.
Canadian Shield
Clay Belt
Prairie
QUEBEC
ONTARIO
NEWFOUNDLAND
NOVA SCOTIA
NEW BRUNSWICK
PRINCE EDWARD I.
Gulf of St Lawrence
Cape Breton I.
Anticosti I.
Magdalen Is.
Sable I.
Ellesmere I.
King Christian Land
Cockburn Land
Melville Pen.
Boothia Pen.
Somerset I.
Prince of Wales I.
Victoria I.
Banks I.
Southampton I.
Coats I.
Mansel I.
Akimiski I.
Belcher Is.
Manitoulin I.
Isle Royale
Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
Lake of the Woods
Lake Winnipeg
Lake Nipigon
Lake Nipissing
Lake Timiskaming
Lake St John
Lake Mistassini
Lake Attawapiskat
Lake Albany
Lake Abitibi
Lake Temiscamingue
Lake Simcoe
Lake Champlain
Lake George
Lake Memphremagog
Great Slave Lake
Great Bear Lake
Great Whale R.
Nelson R.
Churchill
York Factory
Fort George
Moose Factory
Albany R.
Attawapiskat R.
Severn R.
Winisk R.
Ottawa R.
St Lawrence R.
Saguenay R.
Richelieu R.
Mackenzie R.
Peace R.
Athabasca R.
Slave R.
Red R.
Assiniboine R.
Saskatchewan R.
Churchill R.
Nelson R.
Hayes R.
Severn R.
Winisk R.
Albany R.
Moose R.
Abitibi R.
Mattagami R.
Montreal R.
Ottawa R.
Gatineau R.
Lievre R.
Rideau R.
Trent R.
Grand R.
Thames R.
Detroit R.
St Clair R.
Niagara R.
Welland R.
Genesee R.
Mohawk R.
Hudson R.
Connecticut R.
Merrimac R.
Kennebec R.
Androscoggin R.
Penobscot R.
St John R.
St Croix R.
Miramichi R.
Restigouche R.
Gaspe Pen.
Chaleur Bay
Fundy B.
Passamaquoddy B.
Placentia B.
Conception B.
Trinity B.
Bonavista B.
Notre Dame B.
Hudson Bay
James Bay
Ungava Bay
Hudson Strait
Foxe Channel
Foxe Basin
Baffin Bay
Davis Strait
Labrador Sea
Gulf of St Lawrence
Cabot Str.
Belle Isle Str.
Davis Str.
Fury and Hecla Str.
Lancaster Sd.
Jones Sd.
Smith Sd.
Nares Str.
Robeson Channel
Kennedy Channel
Hayes Peninsula
Melville Peninsula
Boothia Peninsula
Somerset I.
Prince of Wales I.
Victoria I.
Banks I.
Southampton I.
Coats I.
Mansel I.
Akimiski I.
Belcher Is.
Manitoulin I.
Isle Royale
Ellesmere I.
King Christian Land
Cockburn Land
Melville Pen.
Boothia Pen.


GULF OF ST. LAWRENCE
NEWFOUNDLAND
ATLANTIC OCEAN
BAY OF FUNDY
NEW BRUNSWICK
NOVA SCOTIA
PRINCE EDWARD ISLAND
CAPE BRETON ISLAND
UNITED STATES OF MAINE
Dalhousie
Miscou Pt
Miscou I.
Shippigan I
CHALEUR BAY
RESTIGOUCHE
GLOUCESTER
Bathurst
Newcastle
NORTHUMBERLAND
Chatham
Miramichi Bay
Tracadie
Magdalen Is
(to Quebec)
Bryon I
North C.
East Pt
Grosse I.
Coffin I.
Alright I
Grindstone I
Entry I.
Amherst I.
South C.
C. St. Lawrence
St Paul I
Asgy B.
C. Egmont
Limbo Cove
Ingonish
Middle Hd
C. Smoky
Chetticamp Pt
Chetticamp
Cheticamp and Rtang
Grey Pt
Margaree R
Margaree Forks
Port Hood
Mabou
Inverness
Sea Wolf I.
Baddeck
Sydney
Louisburg
Gabarus B
Bras d'Or Lake
Grand R.
Madame I.
Canso
C. Canso
Andrews I
Big Dover I
Whitehaven
Guysborough
Country Harbour
Tor Bay
Sheet Harbour
Musquodoboit
Halifax
Dartmouth
Bedford Basin
Windsor
Hantsport
Kentville
Wolfville
Grand Pre
Horton
Canning
Canard
Kingsport
Parrsboro
Advocate
Cape Chignecto
Minas Channel
Minas Basin
Truro
Tatamagouche
Pictou
Antigonish
Tatamagouche Bay
Northumberland Strait
Prince Edward Island
Charlottetown
Cardigan B.
Murray Harbour
Bear C.
Souris
East Pt
Georgetown
Montague
Tignish
North Point
Pt Escuminac
Shediac
Moncton
Sackville
Amherst
Westmorland
Albert
Hillsborough
Hopewell
Dorchester
Sussex
Kings
Hampton
Fredericton
Gagetown
Woodstock
Grand Falls
Edmundston
Connors
Little Falls
Grand River
St Leonard
Campbellton
Dalhousie
Matapedia
Restigouche R.
Upsalquitch
Blue Mts
Nipisiguit R.
Bathurst
Tracadie
Miramichi R.
Newcastle
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Douglastown
Portage I.
Fox I.
Escuminac
Kouchibouguac Bay
Richibucto
Buctouche
Shediac
Moncton
Petitcodiac R.
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Hopewell
Dorchester
Sackville
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Maccan
Pugwash
Malagash
Wallace
Tatamagouche
Pictou
Antigonish
New Glasgow
Stellarton
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Trenton
Stewiacke
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Advocate
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Kentville
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Windsor
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Falmouth
Newport
Mt Uniacke
Enfield
Shubenacadie
Truro
Tatamagouche
Pictou
Antigonish
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Country Harbour
Tor Bay
Sheet Harbour
Musquodoboit
Halifax
Dartmouth
Bedford Basin
Bedford
Windsor
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Parrsboro
Advocate
Cape Chignecto
Minas Channel
Minas Basin

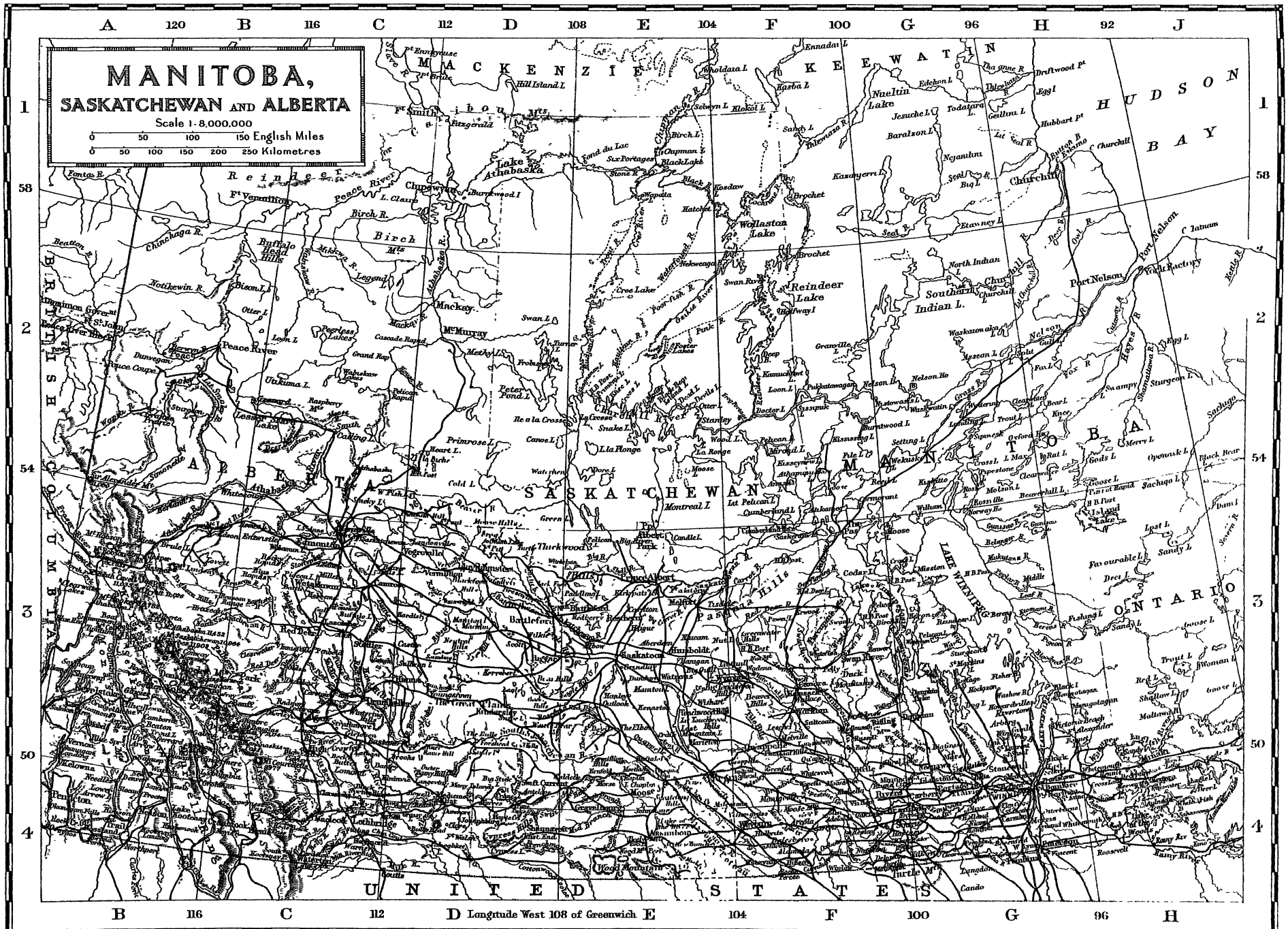


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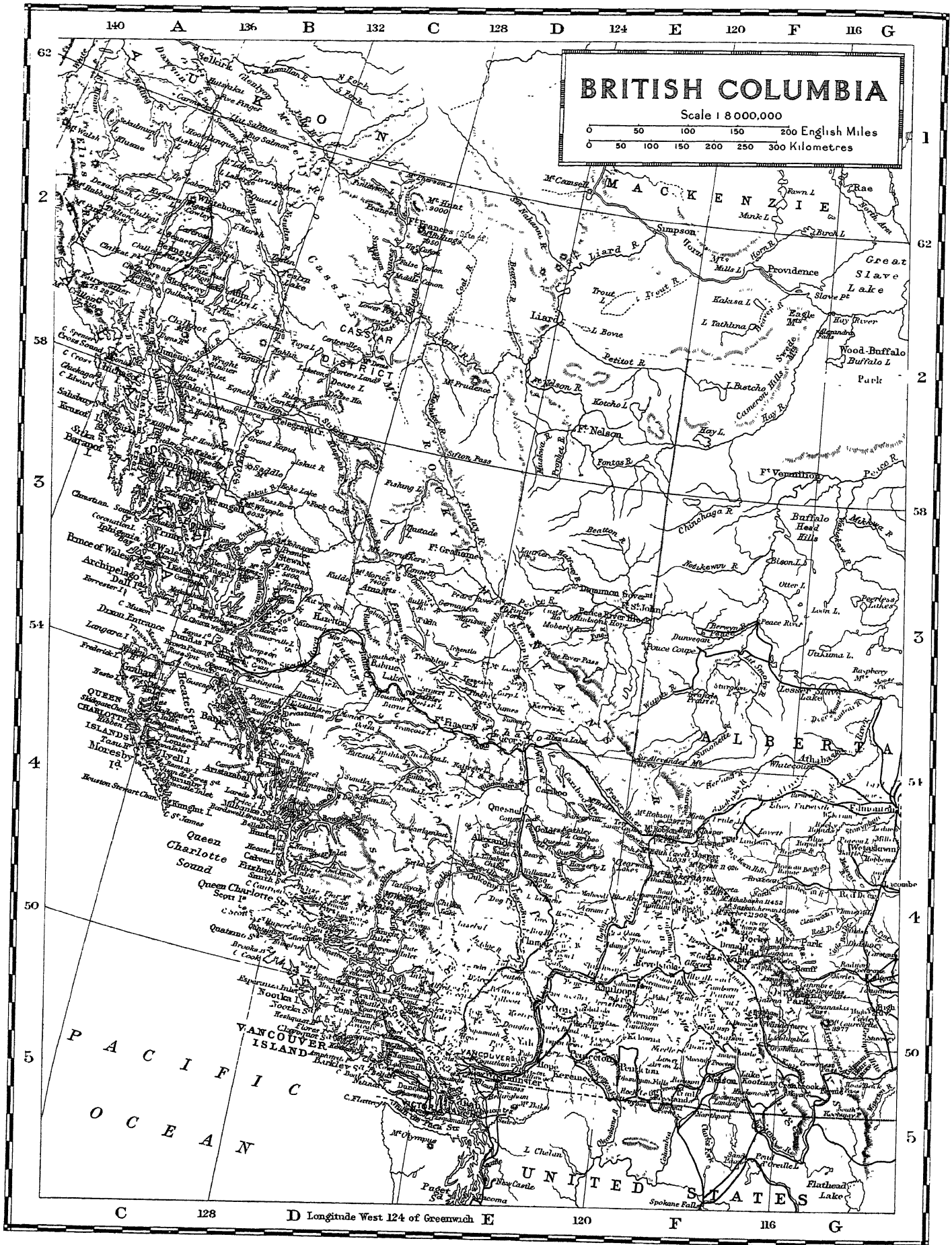
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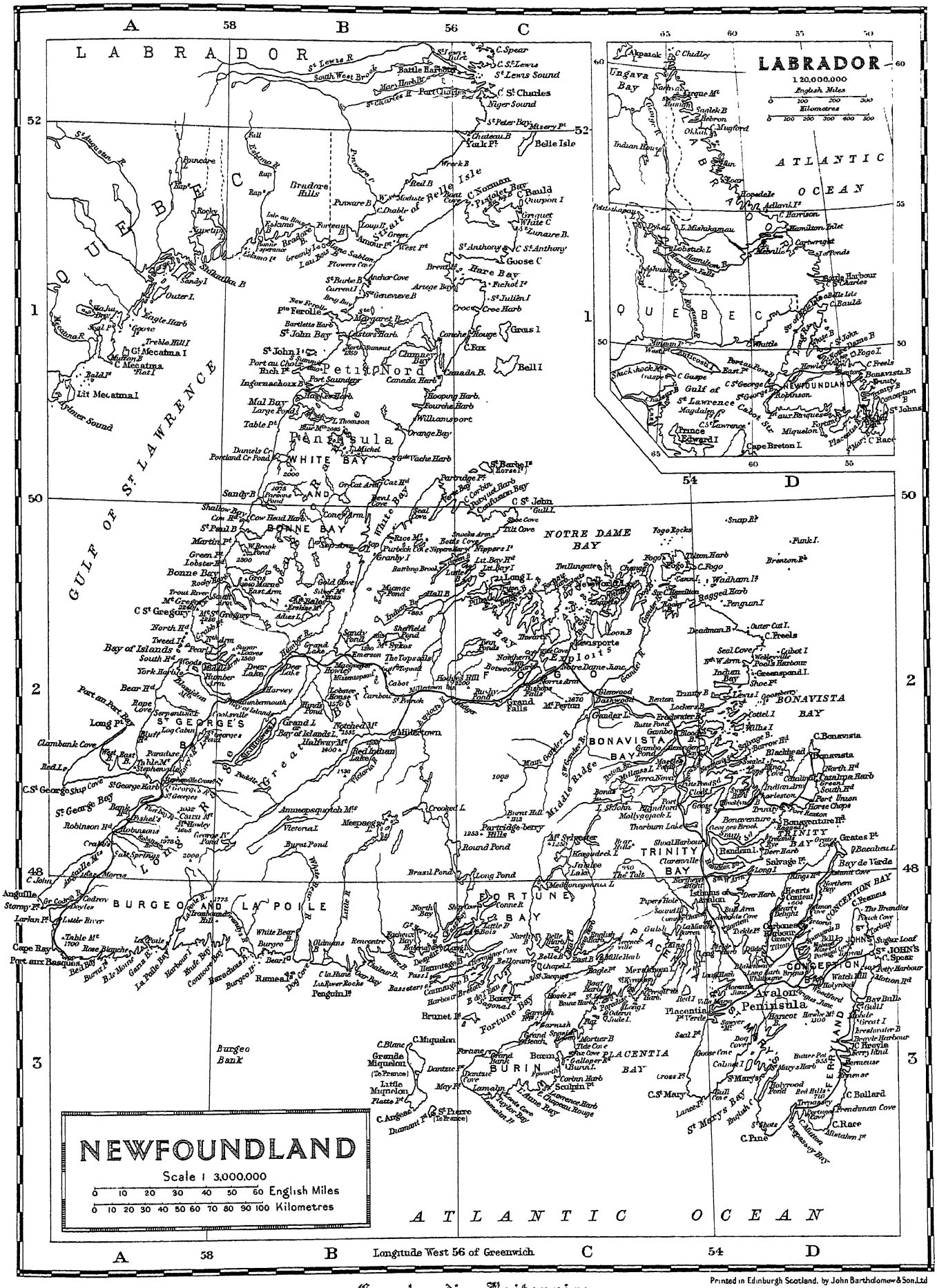
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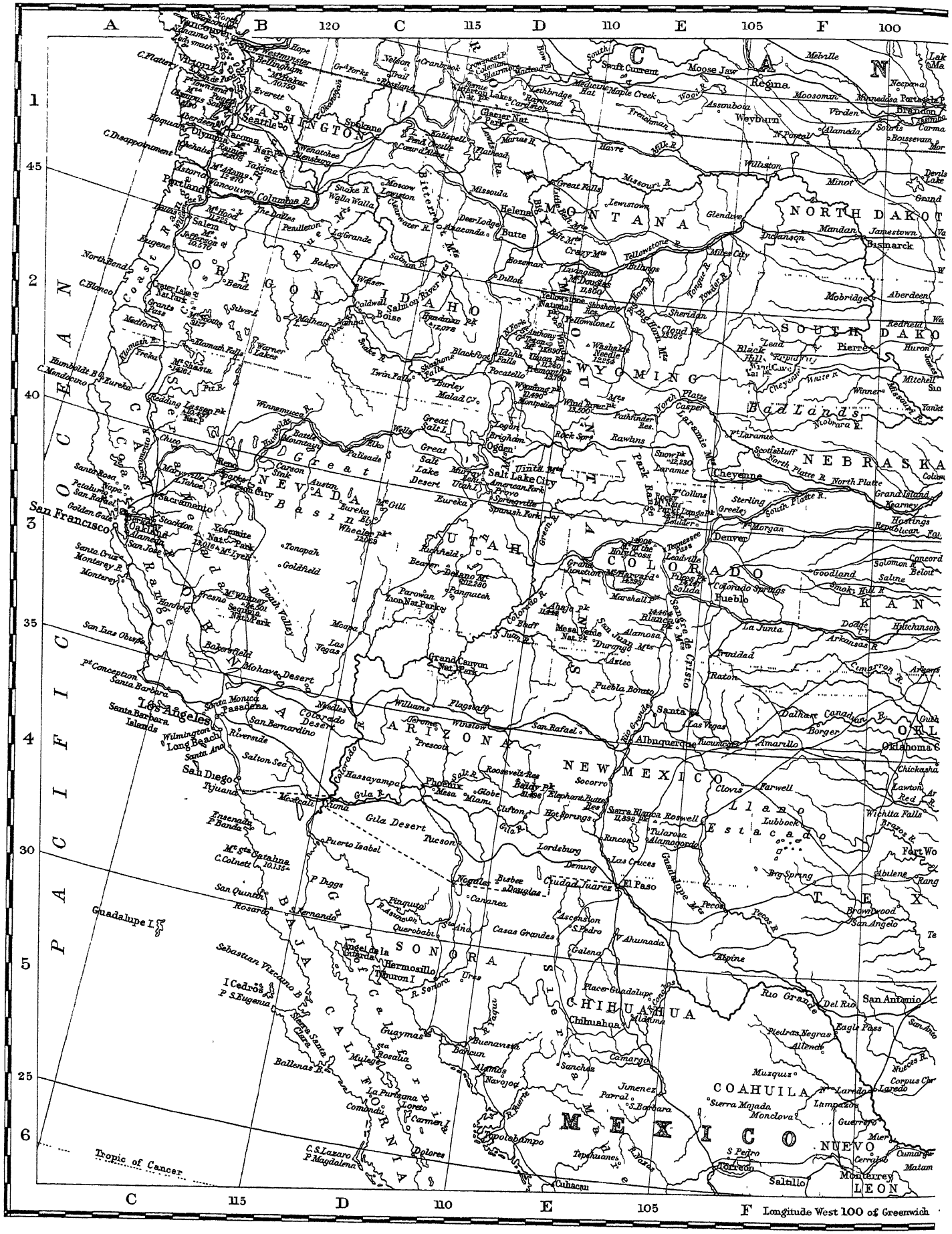
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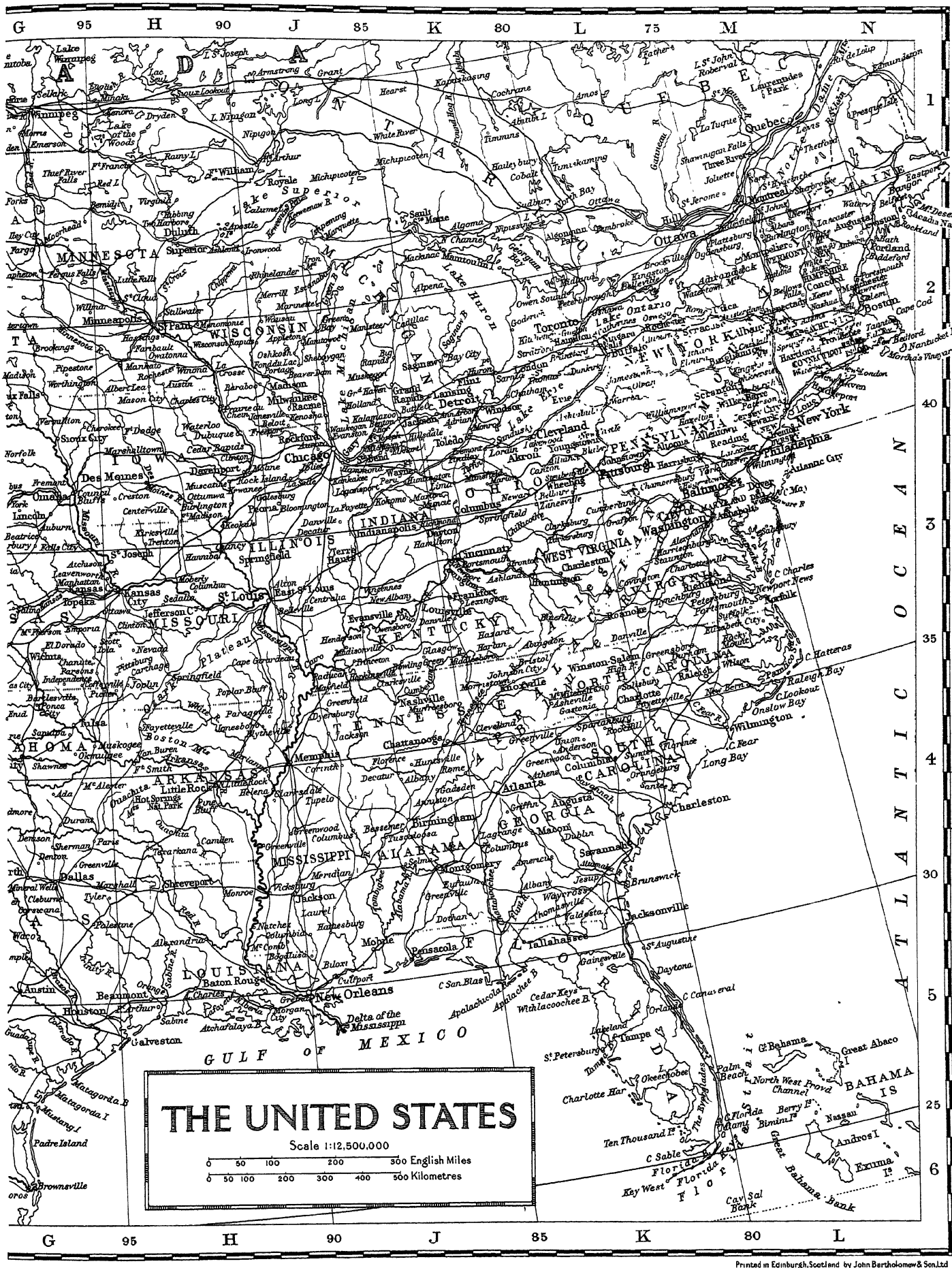


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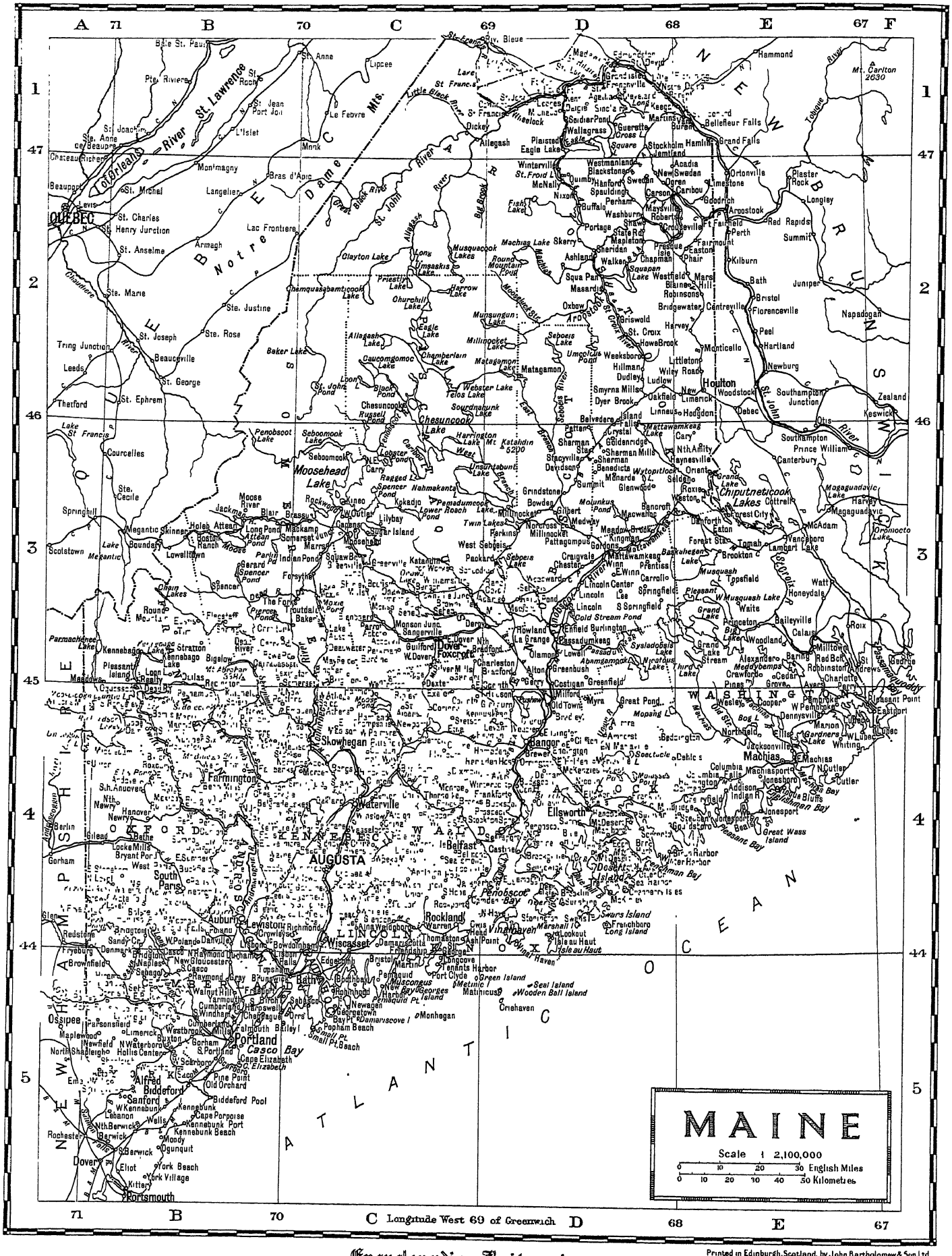


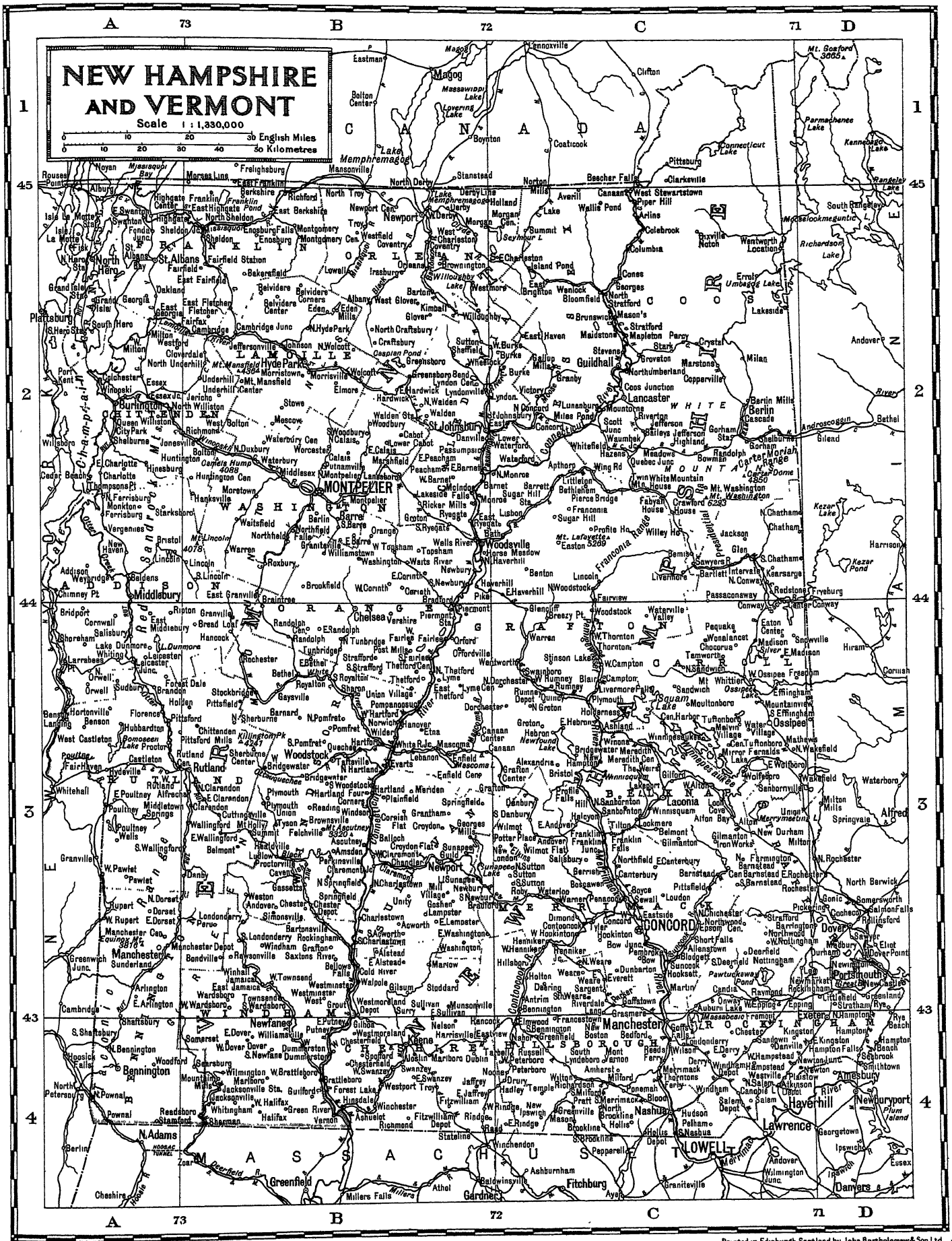
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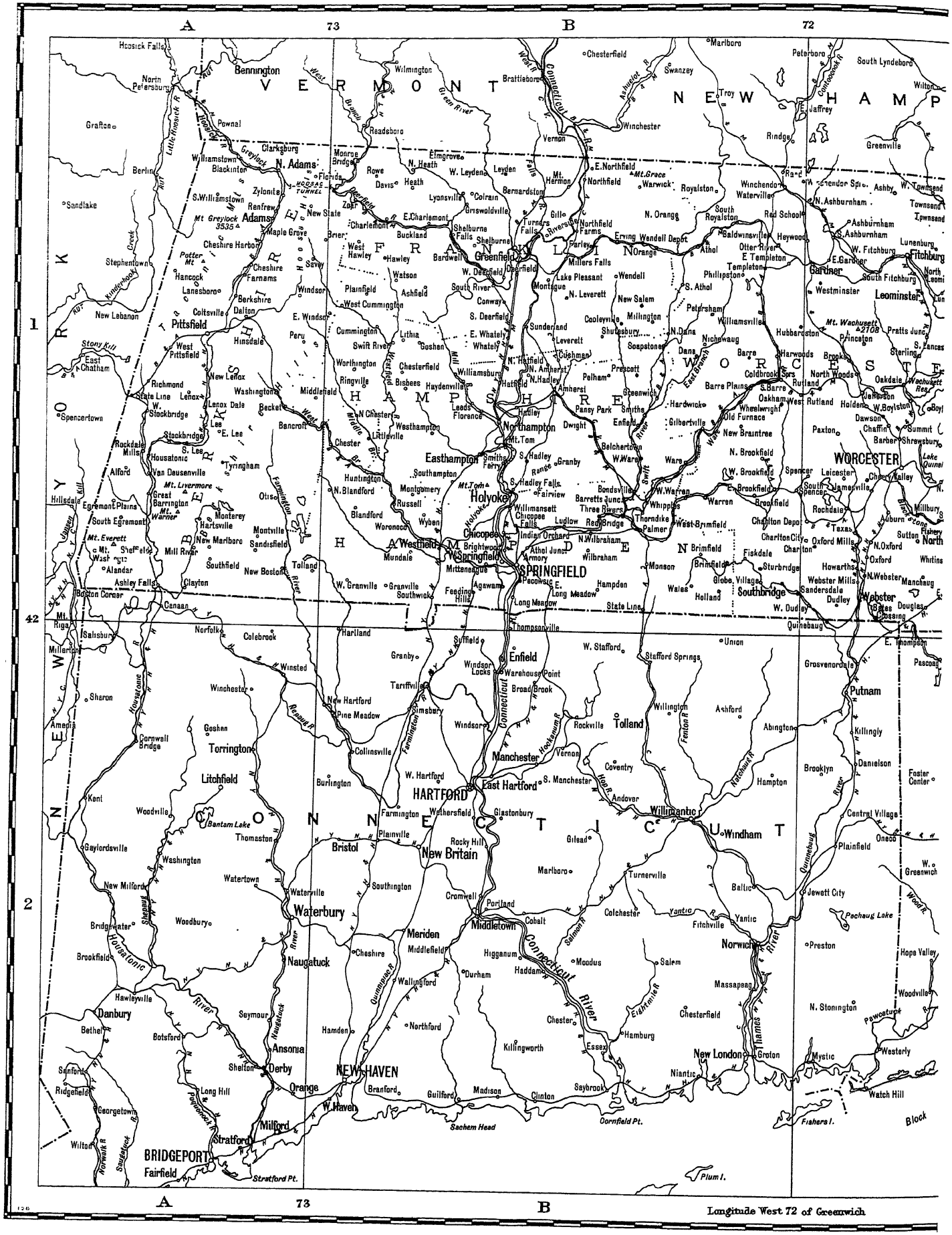

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Longitude West 100 of Greenwich
Tropic of Cancer
PACIFIC OCEAN
CANADA
WASHINGTON
OREGON
IDAHO
MONTANA
NORTH DAKOTA
SOUTH DAKOTA
WYOMING
NEBRASKA
NEVADA
UTAH
COLORADO
KANSAS
ARIZONA
NEW MEXICO
OKLAHOMA
TEXAS
SONORA
CHIHUAHUA
COAHUILA
NUEVO LEON
MEXICO
CALIFORNIA
Great Basin
Great Salt Lake Desert
Mojave Desert
Colorado Desert
Death Valley
Sierra Nevada
Rocky Mts
Badlands
Llano Estacado
Seattle
Spokane
Portland
Salem
Eugene
Boise
Reno
Carson Sink
Salt Lake City
Ogden
Provo
Cheyenne
Denver
Pueblo
Colorado Springs
Grand Junction
Albuquerque
Santa Fe
El Paso
Amarillo
Oklahoma C.
Dallas
San Antonio
Houston
Fort Worth
Abilene
Wichita Falls
Lubbock
Roswell
Carlsbad
Tucumcari
Clovis
Las Vegas
Phoenix
Tucson
Yuma
Flagstaff
Prescott
Globe
Miami
Clifton
Silver City
Deming
Las Cruces
Lordsburg
Douglas
Nogales
Ciudad Juarez
Chihuahua
Hermosillo
Guaymas
Nogales
Ascension
Casas Grandes
Galeana
Alpine
Del Rio
Eagle Pass
Piedras Negras
Laredo
Corpus Christi
Brownsville
Matamoros
Monterrey
Saltillo
Torreon
Durango
Mazatlan
Culiacan
Tepic
Guadalajara
Los Angeles
San Diego
San Francisco
Sacramento
Fresno
Bakersfield
Monterey
San Luis Obispo
Santa Barbara
Long Beach
Pasadena
Riverside
San Bernardino
Tijuana
Ensenada
Mexicali
Imperial Valley
Salton Sea
Colorado R.
Rio Grande
Gila R.
Gila Desert
Puerto Isabel
Guadalupe I.
Tiburon I.
Angel de la Guarda
Cedros I.
Sebastian Vizcaino B.
San Quintin B.
Magdalena B.
Ballenas B.
Gulf of California
Gulf of Mexico
Lake Tahoe
Yosemite Nat. Park
Grand Canyon Nat. Park
Mesa Verde Nat. Park
Glacier Nat. Park
Yellowstone Nat. Park
Rocky Mt. Nat. Park
Mt. Whitney 14,501
Mt. Shasta 14,161
Mt. Rainier 14,363
Mt. Hood 11,225
Mt. Adams 12,470
Mt. Jefferson 10,570
Mt. Diablo 3,849
Mt. Wheeler 13,063
Mt. Gilt
Mt. Lyell
Mt. Scott 9,027
Mt. Pinos 8,831
Mt. Baldy 11,496
Mt. Graham 10,484
Mt. Taylor 11,389
Sierra Blanca 11,838
Mt. Davis 11,402
Mt. Lincoln 14,297
Mt. Elbert 14,351
Mt. Massive 14,424
Mt. Harvard 14,375
Mt. Princeton 14,196
Mt. Antero 14,245
Mt. Evans 14,260
Pikes Pk. 14,147
Longs Pk. 14,271
Spanish Peaks 13,623
Wheeler Pk. 13,058
Uinta Mts.
Wind River Mts.
Big Horn Mts.
Black Hills
Rocky Ford
Fort Collins
Greeley
Sterling
North Platte
Scottsbluff
Grand Island
Kearney
Hastings
Omaha
Lincoln
Topeka
Wichita
Dodge City
Hutchinson
Salina
Goodland
Concordia
Belvidere
Republican R.
Arkansas R.
Canadian R.
Red R.
Brazos R.
Pecos R.
Rio Grande
Nueces R.
Colorado R.
Platte R.
Missouri R.
Yellowstone R.
Snake R.
Columbia R.
Willamette R.
Sacramento R.
San Joaquin R.
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Truckee R.
Carson R.
Green R.
Gunnison R.
Arkansas R.
Canadian

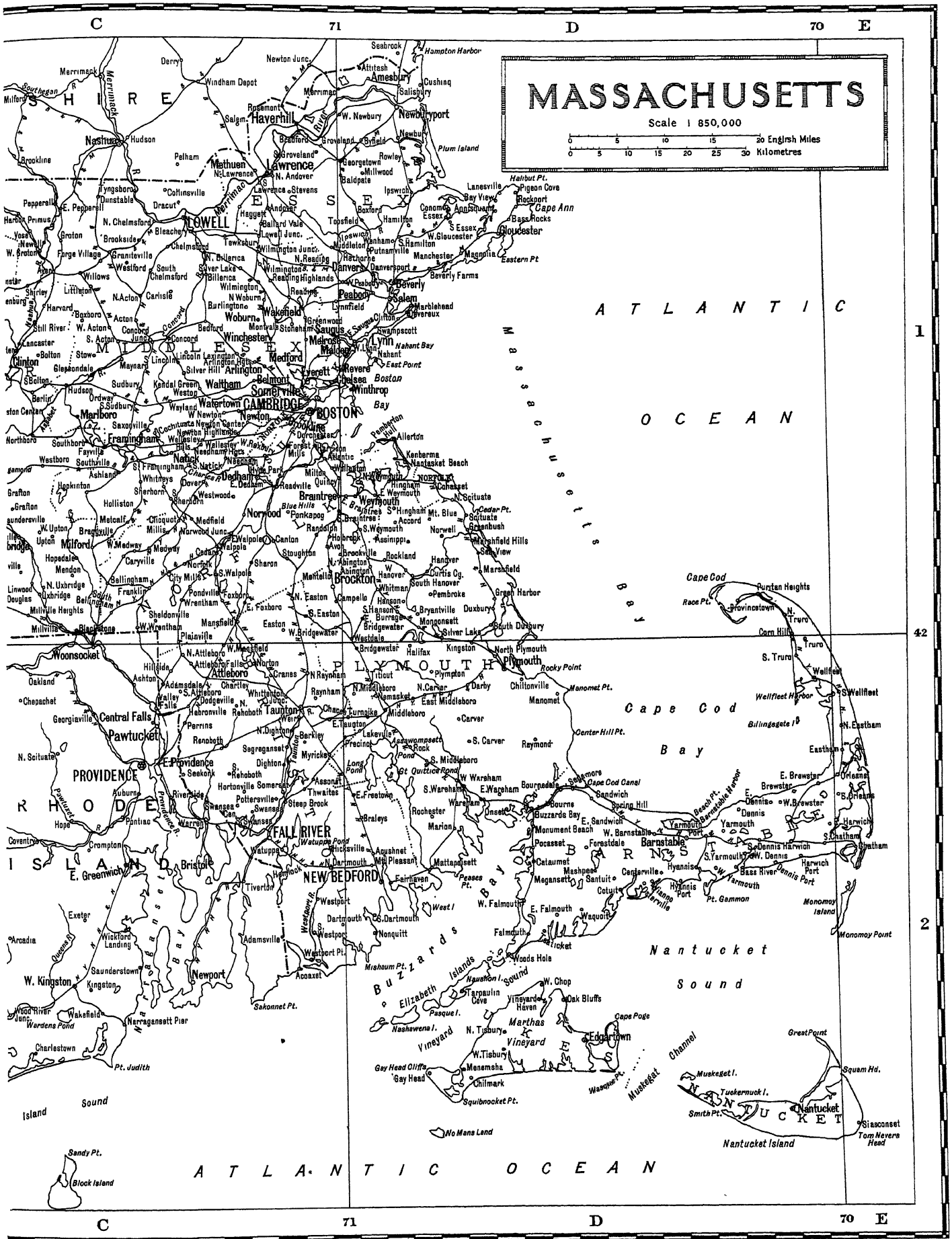


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MAINE
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0 10 20 30 40 50 Kilometres
C Longitude West 69 of Greenwich D
A 71 B 70 C 69 D 68 E 67 F
1 47 2 46 3 45 4 44 5
ATLANTIC OCEAN
QUEBEC
NEW BRUNSWICK
Moosehead Lake
Chesuncook Lake
Penobscot Bay
Casco Bay
AUGUSTA
PORTLAND
BANGOR
Mt. Carlton 2630
Chiputneticook Lakes
Houlton
Machias
Ellsworth
Rockland
Lewiston
Auburn
Waterville
Farmington
Skowhegan
Dover-Foxcroft
Calais
St. John River
St. Lawrence River
Penobscot River
Kennebec River
Androscoggin River
Saco River
Allagash River
St. Francis River
Aroostook River
Matawamkeag River
Piscataquis River
Machias River
Passamaquoddy Bay
Frenchman Bay
Great Wass Island
Mount Desert Island
Isle au Haut
Vinalhaven
Swans Island
Deer Isle
Cranberry Isles
Monhegan
Matinicus
Criehaven
Seal Island
Wooden Ball Island
Green Island
Small Pt.
Popham Beach
Pine Point
Old Orchard
Biddeford Pool
Cape Porpoise
Kennebunk Beach
Ogunquit
York Beach
York Village
Kittery
Portsmouth
Dover
Rochester
Berwick
South Berwick
Eliot
Kennebunk
Kennebunkport
Wells
Sanford
Alfred
Biddeford
Saco
Old Orchard
Scarboro
Cape Elizabeth
Portland
Casco Bay
Falmouth
Gorham
Westbrook
Windham
Raymond
Sebago
Naples
Bridgton
Harrison
Norway
Paris
South Paris
Oxford
Buckfield
Hebron
Turner
Livermore
Livermore Falls
Jay
Wilton
Farmington
Strong
Phillips
Rangeley
Kingfield
Stratton
Eustis
Flagstaff
Dead River
Carrabassett
Kingsbury Plantation
Moxie Pond
Moxie Lake
Attean Pond
Jackman
Moose River
Brassua
Rockwood
Lily Bay
Kokadjo
Pemadumcook Lake
Lower Roach Lake
Millinocket
Medway
Norcross
Millinocket
Patten
Grindstone
Bowdoin
Gilbert
Macwahoc
Bancroft
Danforth
Eaton
Forest City
Forest Station
Tomah
Lambert Lake
Vanceboro
Brookton
Topsfield
Honeydale
Watt
Baileyville
Princeton
Waite
Grand Lake
Woodland
Milltown
Red Bank
Robbinston
St. Andrews
St. George
Passamaquoddy Bay
Meddybemps
Alexander
Baring
Crawford
Cedar Grove
Pines
Avers
Perry
Pembroke
Dennysville
Whiting
Lubec
Eastport
Pleasant Point
Jacksonville
Northfield
Machiasport
Columbia Falls
Addison
Jonesboro
Jonesport
Beals
Indian R
Cutler
Machias Bay
Englishman Bay
Pleasant Bay
Great Wass Island
Bar Harbor
Northeast Harbor
Southwest Harbor
Seal Harbor
Somesville
Manchester
Winthrop
Readfield
Wayne
Monmouth
Litchfield
Gardiner
Hallowell
Augusta
Belfast
Searsport
Stockton Springs
Prospect
Castine
Penobscot
Brooksville
Sedgwick
Blue Hill
Deer Isle
Stonington
Isle au Haut
Vinalhaven
North Haven
Rockland
Thomaston
Warren
Camden
Rockport
Lincolnville
Belfast
Searsport
Frankfort
Winterport
Hampden
Newburgh
Orrington
Brewer
Old Town
Milford
Orono
Veazie
Bradley
Eddington
Holden
Dedham
Ellsworth
Surry
Blue Hill
Sedgwick
Brooklin
Deer Isle
Stonington
Isle au Haut
Vinalhaven
North Haven
Swans Island
Frenchboro
Long Island
Lookout
Matinicus
Criehaven
Monhegan
Seal Island
Wooden Ball Island
Green Island
Small Pt.
Popham Beach
Pine Point
Old Orchard
Biddeford Pool
Cape Porpoise
Kennebunk Beach
Ogunquit
York Beach
York Village
Kittery
Portsmouth
Dover
Rochester
Berwick
South Berwick
Eliot
Kennebunk
Kennebunkport
Wells
Sanford
Alfred
Biddeford
Saco
Old Orchard
Scarboro
Cape Elizabeth
Portland
Casco Bay
Falmouth
Gorham
Westbrook
Windham
Raymond
Sebago
Naples
Bridgton
Harrison
Norway
Paris
South Paris
Oxford
Buckfield
Hebron
Turner
Livermore
Livermore Falls
Jay
Wilton
Farmington
Strong
Phillips
Rangeley
Kingfield
Stratton
Eustis
Flagstaff
Dead River
Carrabassett
Kingsbury Plantation
Moxie Pond
Moxie Lake
Attean Pond
Jackman
Moose River
Brassua
Rockwood
Lily Bay
Kokadjo
Pemadumcook Lake
Lower Roach Lake
Millinocket
Medway
Norcross
Millinocket
Patten
Grindstone
Bowdoin
Gilbert
Macwahoc
Bancroft
Danforth
Eaton
Forest City
Forest Station
Tomah
Lambert Lake
Vanceboro
Brookton
Topsfield
Honeydale
Watt
Baileyville
Princeton
Waite
Grand Lake
Woodland
Milltown
Red Bank
Robbinston
St. Andrews
St. George
Passamaquoddy Bay
Meddybemps
Alexander
Baring
Crawford
Cedar Grove
Pines
Avers
Perry
Pembroke
Dennysville
Whiting
Lubec
Eastport
Pleasant Point
Jacksonville
Northfield
Machiasport
Columbia Falls
Addison
Jonesboro
Jonesport
Beals
Indian R
Cutler
Machias Bay
Englishman Bay
Pleasant Bay
Great Wass Island
Bar Harbor
Northeast Harbor
Southwest Harbor
Seal Harbor
Somesville
Manchester
Winthrop
Readfield
Wayne
Monmouth
Litchfield
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Belfast
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Castine
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Brooksville
Sedgwick
Blue Hill

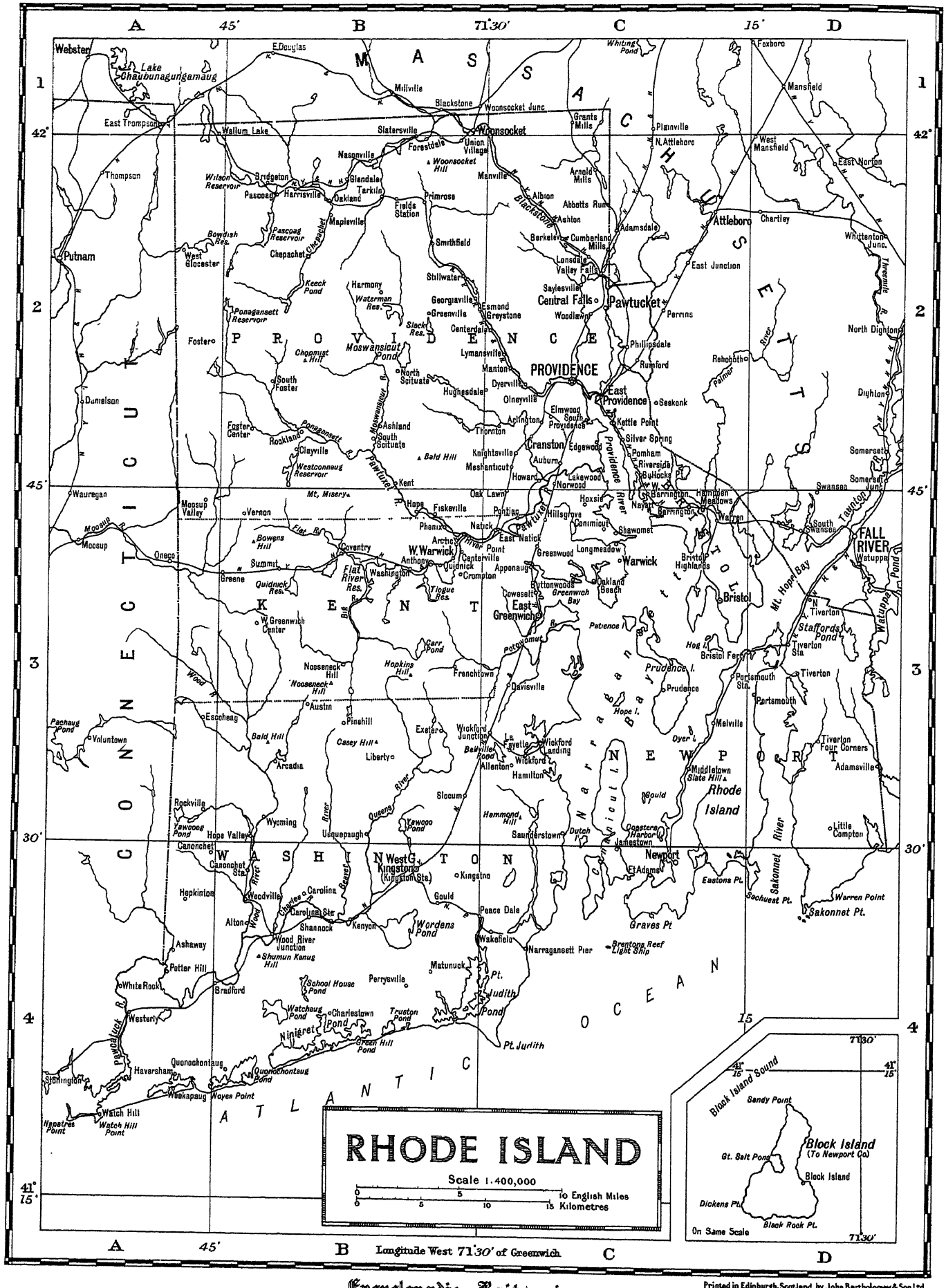

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Magog
Newport
Derby
Orleans
Brownington
Charleston
Coventry
Westmore
Willoughby Lake
Island Pond
Brighton
Wenlock
Bloomfield
Stratford
Colebrook
Columbia
Pittsburg
Clarksville
Beecher Falls
Canaan
Averill
Wallis Pond
Lake Memphremagog
Mt. Goslford 3665
Connecticut Lake
Parmachenee Lake
Kennebago Lake
Rangeley Lake
Mooselookmeguntic L.
Richardson Lake
Umbagog Lake
Errol
Dixville Notch
Wentworth Location
Lakeside
Stevens
Groveton
Northumberland
Copperville
Milan
Andover
Guildhall
Granby
Victory
Lunenburg
Maidstone
Mapleton
Percy
Crystal
Stark
Marstons
Mason's
Brunswick
Coos Junction
Lancaster
Mountone
Riverton
Jefferson
Jefferson Highland
Scott Junc
Waumbek
Whitefield
Hazens
Meadows
Quebec Junc
Bowman
Randolph
Gorham
Berlin Mills
Cascade
Berlin
Shelburne
Gilead
Androscoggin River
Bethel
Carter Dome 4850
Mt. Washington 6293
Mt. Washington
Fabyan House
Crawford
Willey Ho
Profile Ho
Mt. Lafayette 5269
Easton
Franconia
Sugar Hill
Pierce Bridge
Bethlehem
Littleton
Apthorp
Wing Rd
Twin White Mountain
Mt. House
Whitefield
Lower Waterford
Passumpsic
Danville
St Johnsbury
Lyndonville
Lyndon
Concord Pond
Miles Pond
Walden
Walden Sta
Cabot
Woodbury
Greensboro
Greensboro Bend
Craftsbury
Hardwick
Glover
Kimball
Willoughby
Sutton
Sheffield
Wheelock
Burke
Barton
Albany
West Glover
Irasburg
Orleans
Newport Cen
Troy
Westfield
Coventry
Morgan
Morgan Cen.
Summit
Seymour L
Holland
Derby Line
Stanstead
Norton Mills
Averill
Canaan
West Stewartstown
Piper Hill
Arlins
Wallis Pond
Lake
Derby
Derby Center
Newport
Memphremagog
Lake Memphremagog
Mansonville
North Derby
Boynton
Coaticook
Clifton
Eastman
Bolton Center
Massawippi Lake
Lovering Lake
Magog
Sutton
Brome Lake
Knowlton
Lake Brome
Bromont
Cowansville
Sweetsburg
Dunham
Frelighsburg
Morses Line
East Franklin
Richford
North Troy
Berkshire
Franklin
Franklin Pond
East Highgate
Highgate Center
Highgate
North Sheldon
East Berkshire
Swanton
E Swanton
Isle La Motte
La Motte Sta
Fonda
Sheldon Junc
Sheldon
Enosburg Falls
Montgomery
Montgomery Cen
Enosburg
Missisquoi River
Missisquoi Bay
Rouses Point
Noyan
Albany
St Albans
St Albans Bay
Fairfield
Fairfield Station
East Fairfield
Bakersfield
Lowell
Irasburg
Black River
Belvidere
Belvidere Corners
Belvidere Center
Eden
Eden Mills
Albany
West Glover
Barton
Kimball
Willoughby
Willoughby Lake
Westmore
Island Pond
Brighton
Wenlock
Bloomfield
Stratford
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Pittsburg
Clarksville
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Canaan
Averill
Wallis Pond
Lake
Derby
Derby Line
Stanstead
Norton Mills

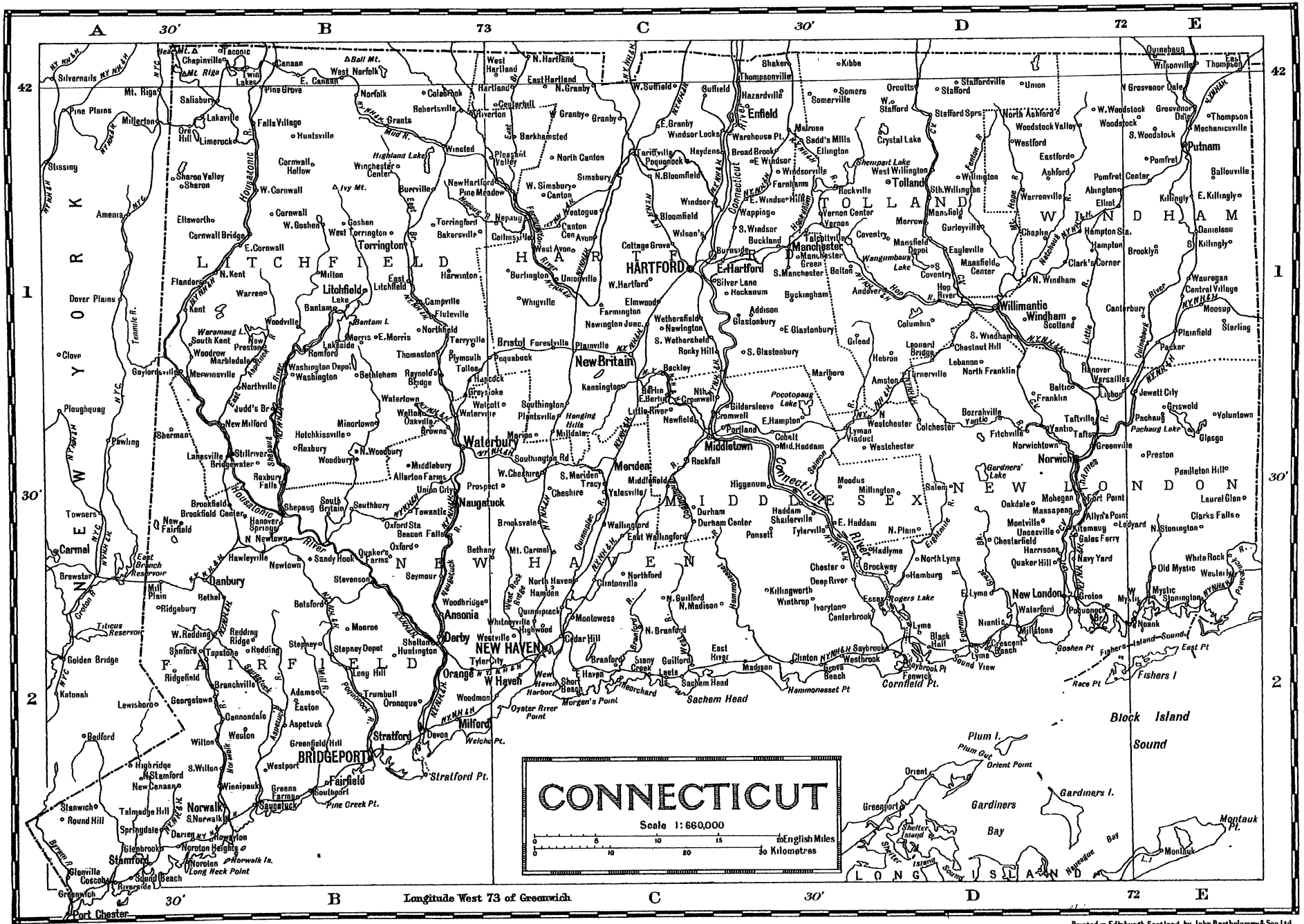

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73
B
72
1
42
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NEW HAMPSHIRE
MASSACHUSETTS
CONNECTICUT
NEW YORK
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Brattleboro
Chesterfield
Marlboro
Peterboro
Hoosick Falls
North Petersburg
Wilmington
Swanzey
Troy
E. Jaffrey
South Lyndeboro
Grafton
Pownal
Readsboro
Vernon
Winchester
Rindge
Greenville
Clarksburg
N. Adams
Florida
Monroe Bridge
Rowe
N. Heath
W. Leyden
Leyden
Elmgrove
E. Northfield
Mt. Grace
Warwick
Royalston
Winchendon
Winchendon Spgs.
Ashby
W. Townsend
Townsend
Berlin
Williamstown
Blackinton
Greylock
Zylonite
Hoosac Tunnel
Davis
Heath
Lyonsville
Colrain
Bernardston
Mt Hermon
Northfield
Sandlake
S. Williamstown
Renfrew
Zoar
Deerfield
Griswoldville
Gill
Turners Falls
Millers
Northfield Farms
N. Orange
South Royalston
Red School
N. Ashburnham
Ashburnham
Townsend
Mt. Greylock 3535
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E. Charlemont
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Shelburne
Erving
Wendell Depot
Baldwinsville
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S. Ashburnham
Lunenburg
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Maple Grove
Brier
West Hawley
Hawley
Bardwell
Greenfield
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Athol
Otter River
W. Fitchburg
Fitchburg
Potter Mt.
Stephentown
Cheshire
Farnams
Savoy
Deerfield
Millers Falls
E. Templeton
E. Gardner
Gardner
Templeton
Phillipston
Hancock
Lanesboro
Windsor
Plainfield
Ashfield
W. Deerfield
Lake Pleasant
Wendell
S. Athol
Westminster
South Fitchburg
Leominster
Berkshire
Dalton
West Cummington
South River
Conway
Montague
N. Leverett
New Salem
Petersham
Williamsville
Coltsville
Pittsfield
E. Windsor
S. Deerfield
Cooleyville
Millington
Sunderland
Shutesbury
N. Dana
Nichewaug
Hubbardston
Mt. Wachusett 2108
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Pratts Junc.
New Lebanon
Stony Kill
East Chatham
West Pittsfield
Hinsdale
Peru
Cummington
Lithia
Goshen
E. Whately
Whately
Leverett
Cushman
Soapstone
Dana
Barre
Harwoods
Brooks
Sterling
S. Lancas
Swift River
Worthington
Chesterfield
Williamsburg
N. Hatfield
N. Amherst
Prescott
Pelham
Coldbrook Spgs
North Woods
Oakdale
Wachusett Res.
Richmond
New Lenox
State Line
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Hatfield
N. Hadley
Amherst
Greenwich
Barre Plains
S. Barre
Rutland
Holden
Jefferson
W. Boylston
Boyl
Spencertown
W. Stockbridge
Lenox Dale
Becket
Leeds
Florence
Hadley
Pansy Park
Smiths
Hardwick
Oakham
West Rutland
Old Furnace
Wheelwright
Gilbertville
Dawson
Chaffin
Summit
Paxton
Barber
Shrewsbury
Stockbridge
Lee
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Bancroft
N. Chester
Westhampton
Dwight
Enfield
New Braintree
Rockdale Mills
S. Lee
Chester
Littleville
Mt. Tom
Belchertown
N. Brookfield
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Tyringham
Easthampton
Smiths Ferry
S. Hadley
Granby
W. Ware
Ware
Lake Quinsi
Alford
Van Deusenville
Southampton
Renee
W. Brookfield
Spencer
Leicester
Cherry Valley
Mt. Livermore
Great Barrington
Huntington
N. Blandford
Montgomery
Mt. Tom
S. Hadley Falls
Fairview
Bondsville
W. Warren
E. Brookfield
South Spencer
Jamesville
Hillsdale
Egremont Plains
Otis
Russell
Holyoke
Barretts Junc.
Three Rivers
Whipples
Warren
Brookfield
Rochdale
Millbury
Mt. Warner
Blandford
Willimansett
Chicopee Falls
Ludlow
Red Bridge
Thorndike
Palmer
West Brimfield
Charlton Depot
Auburn
Texas
Egremont
Monterey
Woronoco
Wyben
Chicopee
Indian Orchard
N. Wilbraham
Charlton City
Oxford Mills
N. Oxford
Mt. Everett
Mt. Sheffield
Hartsville
Montville
Westfield
Brightwood
Springfield
Armory
Wilbraham
N. Brimfield
Charlton
Oxford
Whitins
Alander
Mill River
New Marlboro
Sandisfield
Mundale
Athol Junct.
Monson
Brimfield
Fiskdale
Sturbridge
Howarths
Sutton
North
Southfield
Tolland
Mittineague
SPRINGFIELD
Pecowsic
Hampden
Globe Village
Webster Mills
N. Webster
Manchaug
Ashley Falls
Clayton
New Boston
W. Granville
Granville
Southwick
Feeding Hills
Agawam
Long Meadow
Wales
Holland
Southbridge
Sandersdale
Dudley
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Canaan
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Bates
Douglas
Mt. Riga
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Colebrook
Hartland
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Quinebaug
Millerton
Granby
Suffield
Windsor Locks
Enfield
Warehouse Point
W. Stafford
Stafford Springs
Union
E. Thompson
Grosvenordale
Pascoag
Winsted
Tariffville
Broad Brook
Putnam
Sharon
Winchester
New Hartford
Pine Meadow
Simsbury
Windsor
Rockville
Tolland
Willington
Ashford
Abington
Amenia
Cornwall Bridge
Goshen
Torrington
Collinsville
Manchester
Vernon
Coventry
Brooklyn
Killingly
Danielson
Foster Center
Litchfield
Burlington
W. Hartford
HARTFORD
East Hartford
S. Manchester
Hop R.
Andover
Hampton
Kent
Woodville
Bantam Lake
Farmington
Wethersfield
Glastonbury
Willimantic
Central Village
Thomaston
Bristol
Plainville
Rocky Hill
New Britain
Gilead
Windham
Onexo
Gaylordsville
Washington
Marlboro
Plainfield
New Milford
Watertown
Southington
Cromwell
Portland
Turnerville
Ballic
Jewett City
Waterville
Waterbury
Cobalt
Colchester
Yantic
Pachaug Lake
Bridgewater
Woodbury
Meriden
Middletown
Fitchville
Norwich
Preston
Hope Valley
Brookfield
Cheshire
Middlefield
Higganum
Moodus
Salem
Naugatuck
Durham
Haddam
Massapaug
Woodville
Hawleyville
Wallingford
Chesterfield
N. Stonington
Danbury
Seymour
Hamden
Northford
Chester
Hamburg
Pawcatuck
Bethel
Botsford
Killingworth
Essex
Ansonia
Shelton
Derby
NEW HAVEN
Orange
Branford
Guilford
Madison
Clinton
Saybrook
New London
Groton
Mystic
Westerly
Sanford
Ridgefield
Long Hill
Niantic
Watch Hill
Georgetown
W. Haven
Milford
Sachem Head
Cornfield Pt.
Fishers I.
Block
Wilton
Stratford
BRIDGEPORT
Fairfield
Stratford Pt.
Plum I.
Longitude West 72 of Greenwich



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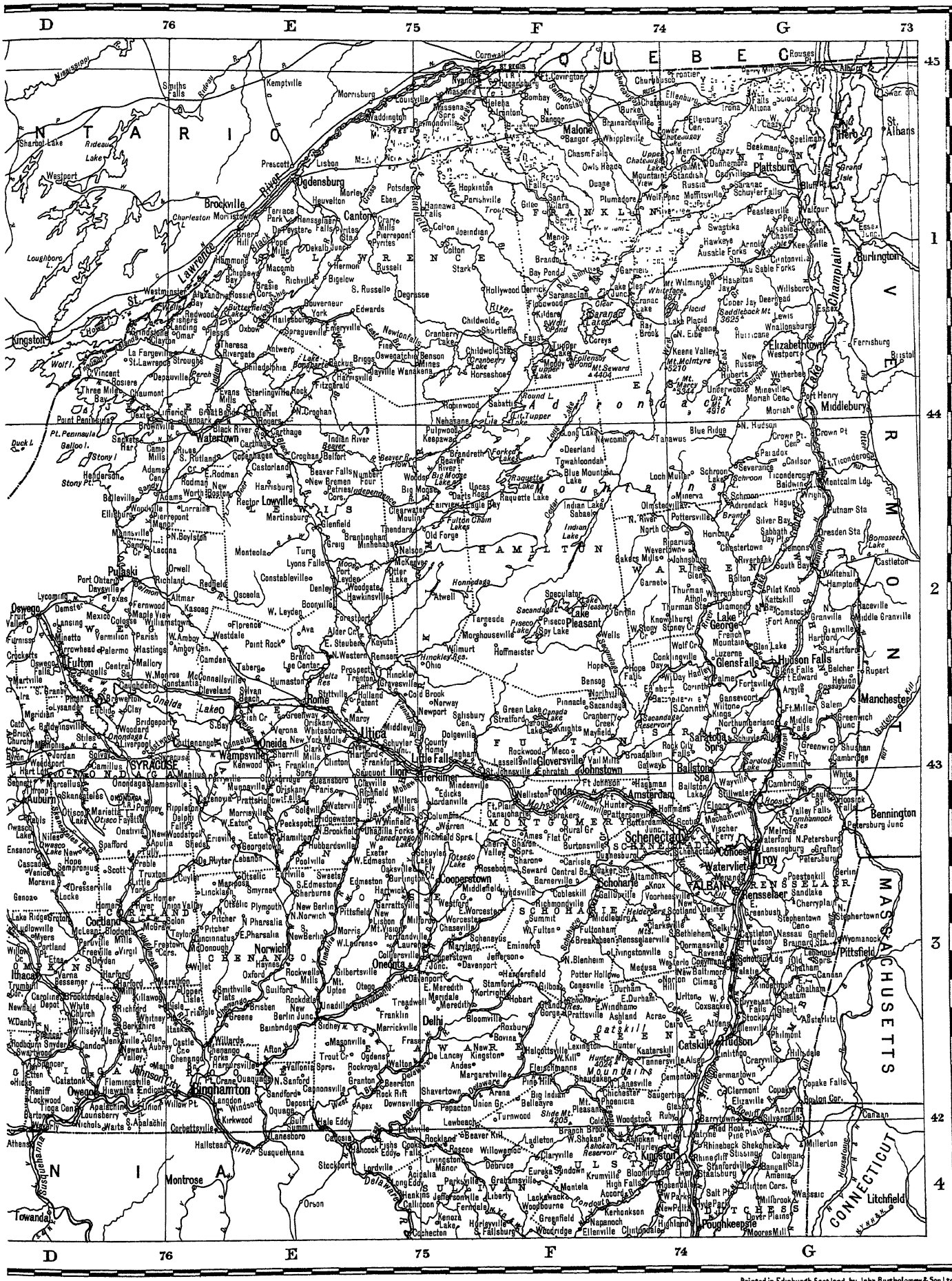
Britannica

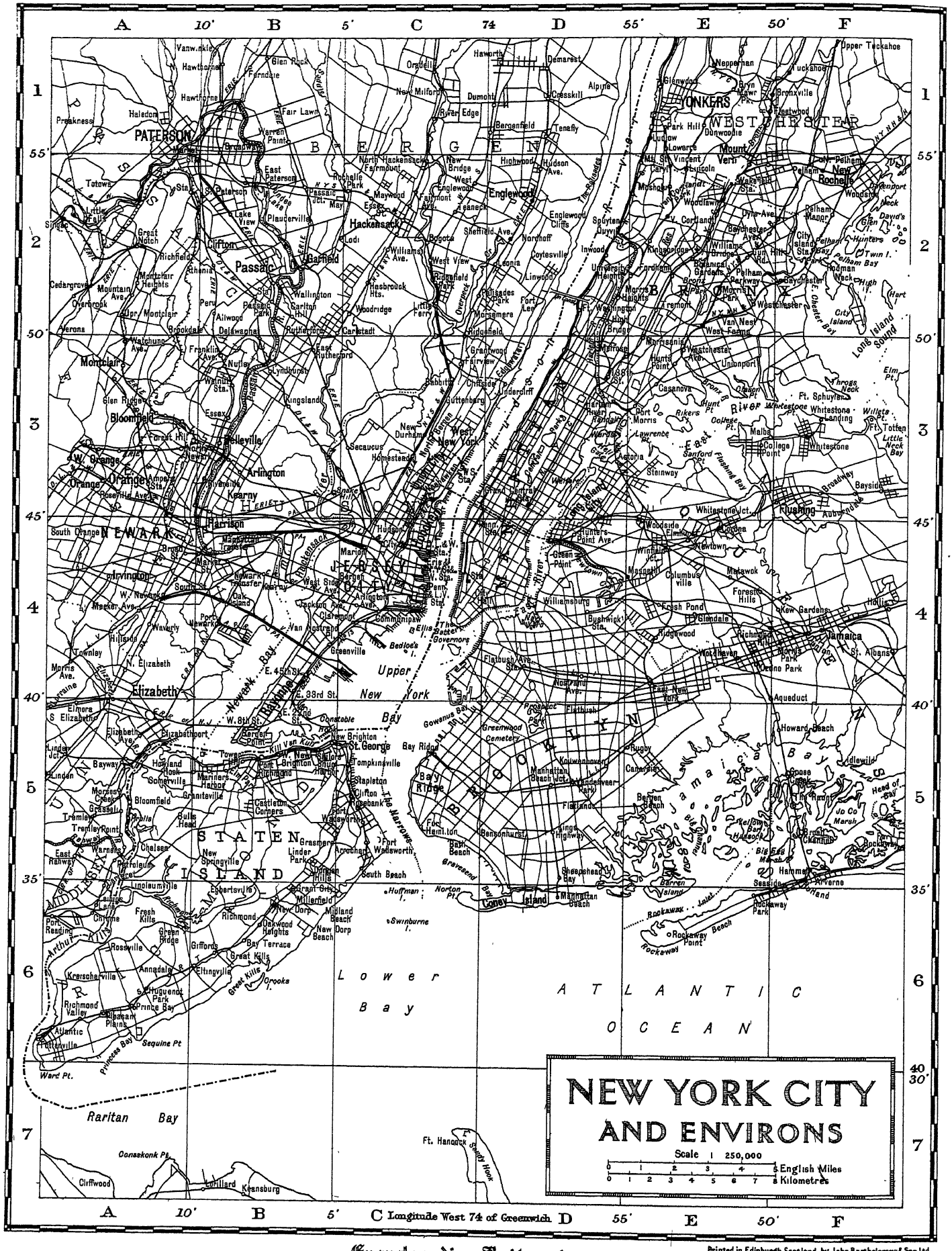

RHODE ISLAND
Scale 1:400,000
10 English Miles
15 Kilometres
Longitude West 71°30' of Greenwich
Block Island
On Same Scale
Encyclopedia Britannica
Printed in Edinburgh, Scotland by John Bartholomew & Son Ltd.

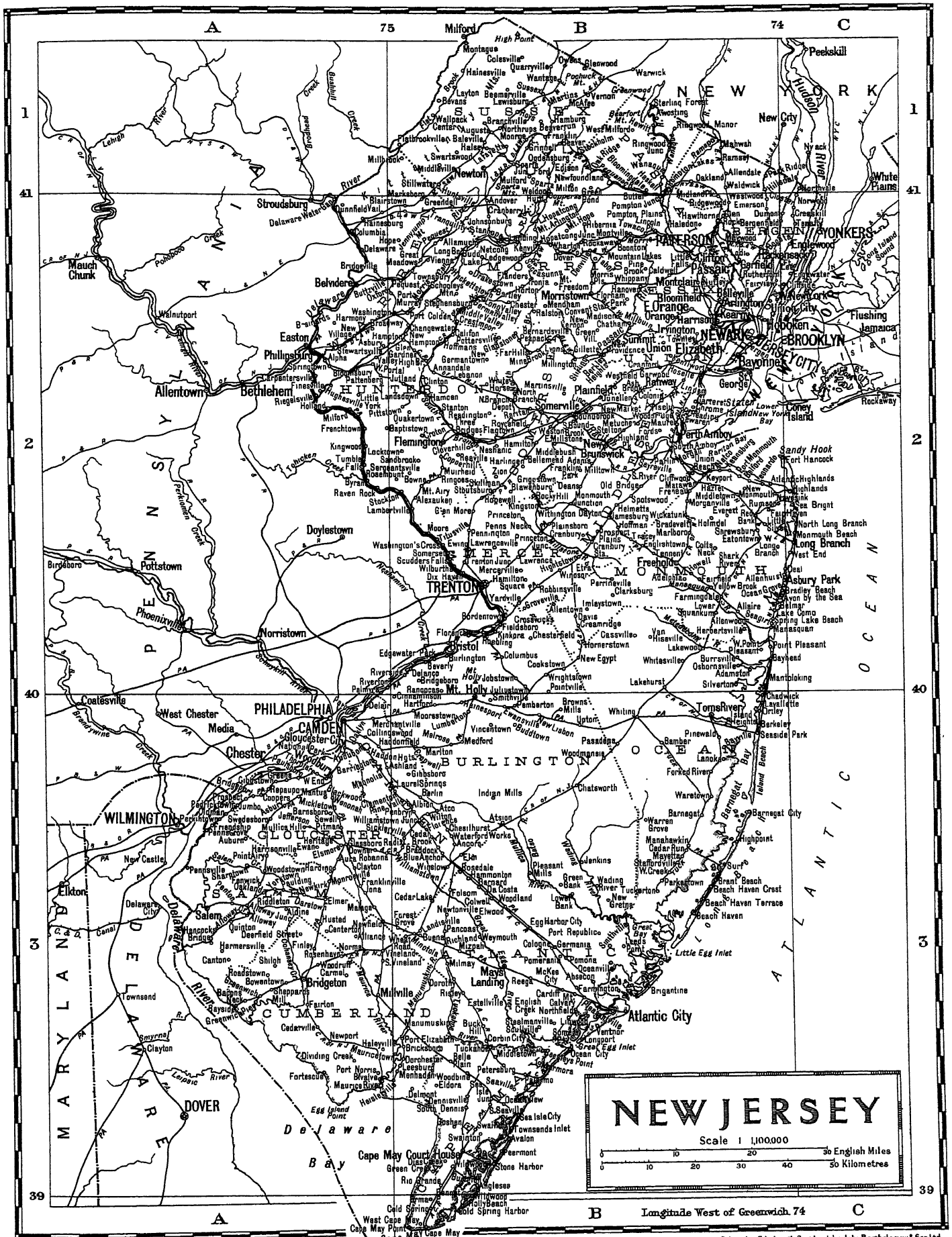


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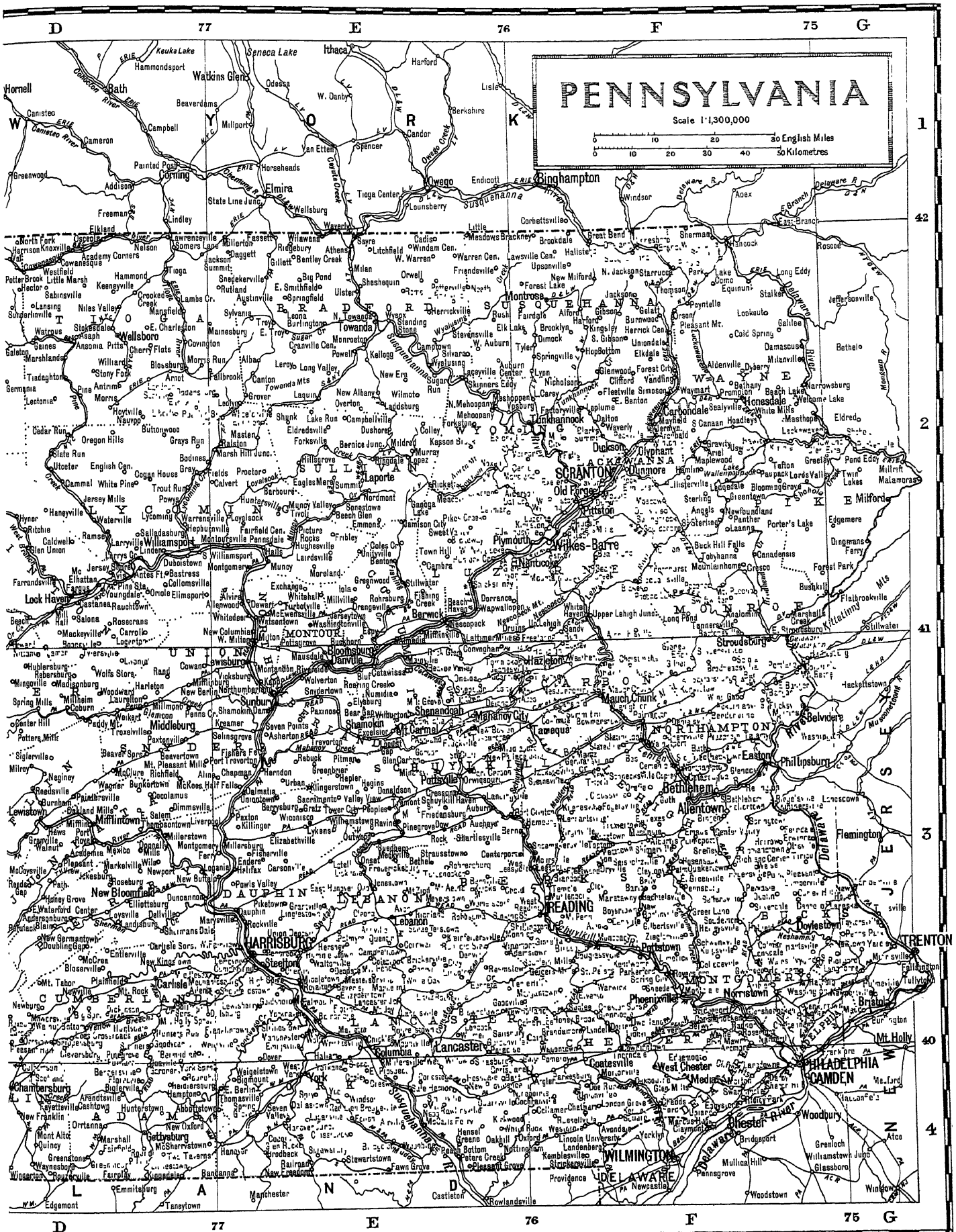

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LAKE ERIE
ATLANTIC OCEAN
Long Island Sound
NEW JERSEY
PENNSYLVANIA
CONNECTICUT
Longitude West 77 of Greenwich


D
76
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F
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G
73
45
44
43
42
1
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3
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ONTARIO
QUEBEC
NEW YORK
VERMONT
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CONNECTICUT
PENNSYLVANIA
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Lake Champlain
Adirondack Mts
Catskill Mts
Mohawk R.
Hudson R.
Lake George
Lake Placid
Saranac Lakes
Fulton Chain Lakes
Indian Lake
Schroon Lake
Oneida Lake
Cayuga Lake
Seneca Lake
Otsego Lake
Canandaigua Lake
Keuka Lake
Owasco Lake
Skaneateles Lake
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Susquehanna R.
Delaware R.
Genesee R.
Allegheny R.
Ogdensburg
Brockville
Cornwall
Massena
Malone
Plattsburgh
Burlington
Kingston
Watertown
Lowville
Utica
Rome
Oneida
Syracuse
Oswego
Auburn
Cortland
Ithaca
Binghamton
Elmira
Corning
Hornell
Olean
Jamestown
Dunkirk
Buffalo
Niagara Falls
Rochester
Batavia
Albany
Troy
Schenectady
Amsterdam
Gloversville
Johnstown
Saratoga Springs
Glens Falls
Hudson Falls
Whitehall
Middlebury
Rutland
Bennington
Pittsfield
Hudson
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Newburgh
Middletown
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Litchfield
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Speculator
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Saranac Lake
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Hunter Mt 4024
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Vergennes
Bristol
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Moriah
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Crown Pt
Chilson
Paradox
Schroon
Severance
Baldwin
Montcalm Ldg
Wright
Putnam Sta
Dresden Sta
Bomoseen Lake
Castleton
Whitehall
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Granville
Hartford
Middle Granville
Raceville
Rupert
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Arlington
Shaftsbury
Bennington
Petersburg Junc
Pittsfield
Lenox
Stockbridge
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Sheffield
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Millerton
Millbrook
Wassaic
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Tivoli
Germantown
Hudson
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Athens
Coxsackie
Greenville
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Prattsville
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Durham
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Kaaterskill
Palenville
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Ellenville
Liberty
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Phillipsburg
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Norwich
Willimantic
Putnam
Danielson
Thompson
Providence
Pawtucket
Woonsocket
Fall River
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Taunton
Brockton
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Lawrence
Haverhill
Newburyport
Gloucester
Salem
Lynn
Cambridge
Somerville
Medford
Malden
Everett
Chelsea
Revere
Winthrop
Quincy
Weymouth
Hingham
Plymouth
Wareham
Falmouth
Hyannis
Nantucket
Martha's Vineyard
Cape Cod
Cape Cod Canal
Buzzards Bay
Vineyard Sound
Nantucket Sound
Block Island
Long Island Sound
Montauk Point
Fishers Island
Shelter Island
Sag Harbor
Riverhead
Patchogue
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Hempstead
Jamaica
Flushing
Queens
Brooklyn
Bronx
Manhattan
Staten Island
Newark Bay
Kill Van Kull
Arthur Kill
Raritan Bay
Sandy Hook
Atlantic City
Cape May
Wildwood
Ocean City
Vineland
Millville
Bridgeton
Salem
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Burlington
Mount Holly
Lakehurst
Toms River
Asbury Park
Long Branch
Red Bank
Freehold
Matawan
Keyport
Perth Amboy
Rahway
Elizabeth
Plainfield
Somerville
Flemington
Phillipsburg
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Lewisburg
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Lewistown
Huntingdon
Altoona
Bedford
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Johnstown
Ebensburg
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Kittanning
Butler
Zelienople
Beaver
Aliquippa
Ambridge
Sewickley
McKeesport
Monongahela
Washington
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Kittanning
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Geneva
Painesville
Willoughby
Mentor
Cleveland
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Zanesville
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Cadiz
Steubenville
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Weirton
Moundsville
Parkersburg
Marietta
Athens
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Cumberland
Hagerstown
Frederick
Gaithersburg
Rockville
Silver Spring
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Fairfax
Manassas
Warrenton
Culpeper
Fredericksburg
Richmond
Petersburg
Hopewell
Colonial Heights
Chesterfield
Midlothian
Powhatan
Amelia
Farmville
Lynchburg
Bedford
Roanoke
Salem
Blacksburg
Christiansburg
Radford
Pulaski
Wytheville
Marion
Abingdon
Bristol
Kingsport
Johnson City
Elizabethton
Greeneville
Morristown
Newport
Sevierville
Knoxville
Oak Ridge
Clinton
Harriman
Kingston
Rockwood
Crossville
Cookeville
Gallatin
Hendersonville
Nashville
Franklin
Columbia
Lawrenceburg
Pulaski
Fayetteville
Huntsville
Decatur
Florence
Sheffield
Tuscumbia
Corinth
Iuka
Tupelo
Aberdeen
Columbus
West Point
Starkville
Meridian
Laurel
Hattiesburg
Biloxi
Gulfport
Pascagoula
Mobile
Bay St Louis
New Orleans
Lake Pontchartrain
Lake Maurepas
Lake Borgne
Chandeleur Islands
Breton Sound
Barataria Bay
Terrebonne Bay
Atchafalaya Bay
Vermilion Bay
Lake Charles
Sulphur
Beaumont
Port Arthur
Orange
Houston
Galveston
Bay City
Victoria
Corpus Christi
Kingsville
Brownsville
Harlingen
McAllen
Edinburg
Mission
Rio Grande City
Laredo
Eagle Pass
Del Rio
Uvalde
Hondo
San Antonio
New Braunfels
Seguin
Gonzales
Luling
Lockhart
Kyle
San Marcos
Austin
Bastrop
La Grange
Columbus
Wharton
Bay City
Angleton
Alvin
Pearland
Baytown
La Porte
Deer Park
Pasadena
Seabrook
Kemah
Clear Lake City
Webster
Friendswood
Dickinson
Texas City
La Marque
Galveston
Bolivar Peninsula
Port Bolivar
Anahuac
Winnie
Stowell
Port Neches
Groves
Nederland
Port Arthur
Sabine Pass
Sabine Lake
Calcasieu Lake
Lake Charles
Sulphur
Vinton
Orange
Bridge City
Vidor
Beaumont

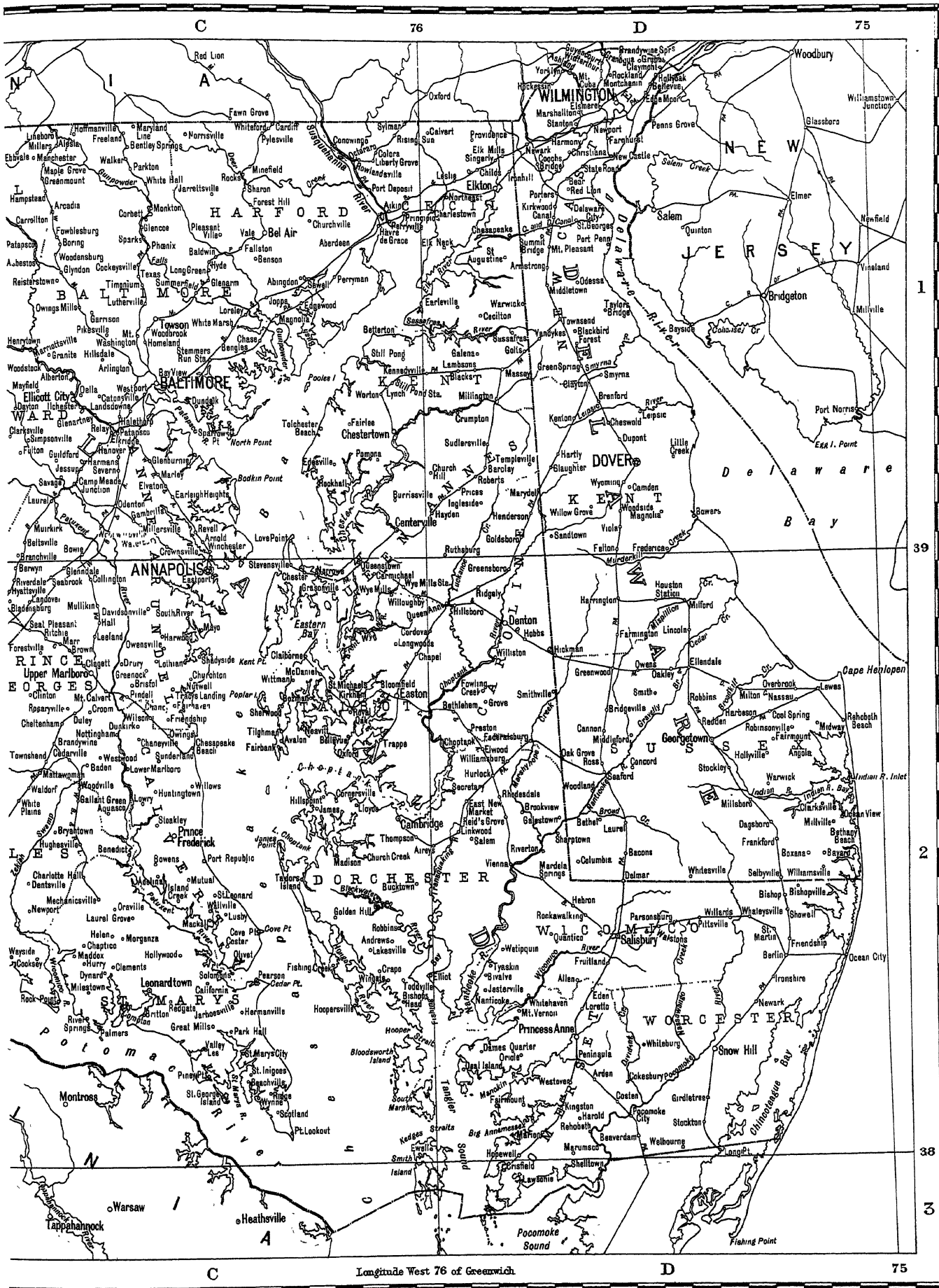

NEW YORK CITY
AND ENVIRONS
Scale 1 250,000
English Miles
Kilometres
Longitude West 74 of Greenwich
PATERSON
Passaic
Clifton
Hackensack
Englewood
Bergenfield
Teaneck
Fort Lee
Ridgefield
Secaucus
Guttenberg
North Bergen
Union City
Weehawken
West New York
Hoboken
Jersey City
Bayonne
Kearny
Harrison
Arlington
Belleville
Bloomfield
Montclair
Orange
South Orange
NEWARK
Irvington
Elizabeth
Linden
Roselle
Union
Hillside
Summit
Chatham
Madison
Morristown
Dover
Boonton
Rockaway
Parsippany
Troy Hills
Whippany
Hanover
Florham Park
Chatham
Millburn
Short Hills
Maplewood
South Orange
Orange
West Orange
Caldwell
Verona
Cedar Grove
Little Falls
Wayne
Totowa
Haledon
Prospect Park
Hawthorne
Glen Rock
Ridgewood
Ramsey
Mahwah
Oakland
Allendale
Ho-Ho-Kus
Wyckoff
Midland Park
Franklin Lakes
Wyckoff
Saddle River
Upper Saddle River
Waldwick
Ridgewood
Glen Rock
Fair Lawn
Paramus
Saddle Brook
Lodi
Wallington
Rutherford
East Rutherford
Carlstadt
Moonachie
Little Ferry
Teterboro
Hasbrouck Heights
Wood-Ridge
Secaucus
North Bergen
Guttenberg
Weehawken
Union City

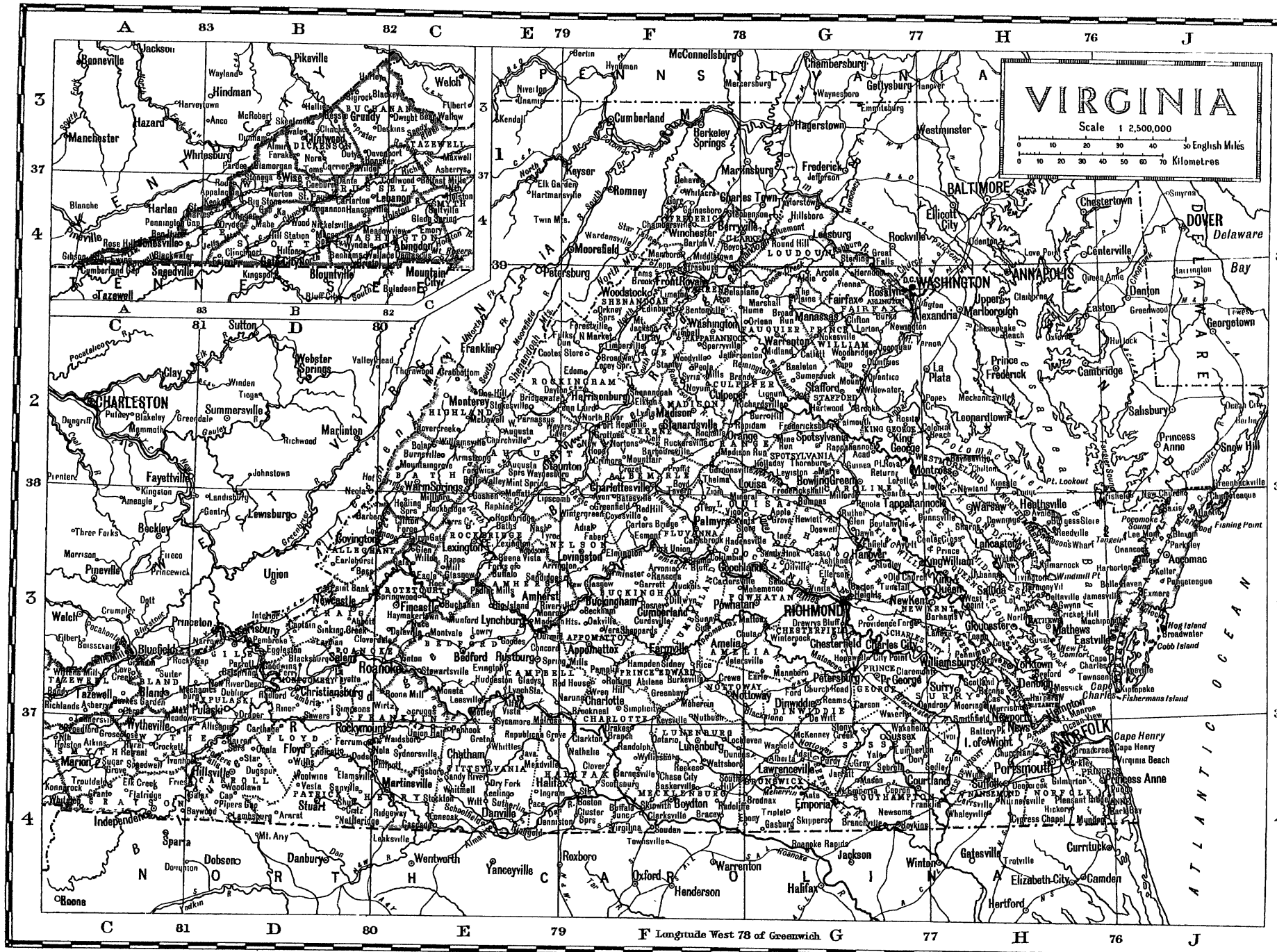

NEW JERSEY
Scale 1 1,100,000
0 10 20 30 English Miles
0 10 20 30 40 50 Kilometres
Longitude West of Greenwich. 74
A
B
C
75
74
Milford
Peekskill
NEW YORK
Hudson
New City
Stroudsburg
Mauch Chunk
Belvidere
Easton
Phillipsburg
Allentown
Bethlehem
Walnutport
Pohopoco Creek
Delaware Water Gap
Delaware River
Lehigh River
Lehigh Canal
Broadhead Creek
Bushkill Creek
Jacobsburg
Flemington
Doylestown
Pottstown
Phoenixville
Norristown
Birdsboro
Perkiomen Creek
Tohickon Creek
Raven Rock
Stockton
Lambertville
Trenton
Bristol
Edgewater Park
Burlington
Florence
Beverly
Delanco
Riverside
Palmyra
Riverton
Cinnaminson
Rancocas Creek
Mt. Holly
Jobstown
Juliustown
Pemberton
Browns Mills
Whiting
Toms River
Island Heights
Berkeley
Seaside Park
Pinewald
Bamber
Lanoka
Forked River
Barnegat
Barnegat City
Warren Grove
Manahawkin
Cedar Run
Mayetta
Stafford
Parkertown
Brant Beach
Beach Haven Crest
Beach Haven Terrace
Beach Haven
Little Egg Inlet
Great Bay
Tuckerton
Waretown
Chatsworth
Indian Mills
Atsion
Jenkins
Pleasant Mills
Green Bank
Wading River
New Gretna
Egg Harbor City
Port Republic
Absecon
Oceanville
Farmington
Brigantine
Atlantic City
Longport
Somers Point
Ocean City
Great Egg Harbor River
Great Egg Harbor Inlet
Peermont
Stone Harbor
Townsends Inlet
Sea Isle City
Avalon
Seaville
Cape May Court House
Cape May
Cape May Point
West Cape May
Cold Spring
Cold Spring Harbor
Wildwood
Wildwood Crest
Holly Beach
Rio Grande
Green Creek
Woodbine
Dennisville
South Dennis
Petersburg
Belle Plain
Tuckahoe
Corbin City
Estellville
Steelmanville
Schellville
Vertnor
Calvary
Cardiff
Mizpah
Weymouth
Richland
Pancoast
Landisville
Forest Grove
Newtonville
Elwood
Colwell
Woodland
Da Costa
Folsom
Pomona
Pomerania
McKee City
Mays Landing
Reeds
Risley
Estellville
Dorothy
Milmay
Malaga
Williamstown Junction
Williamstown
Franklinville
Monroeville
Clayton
Glassboro
Rosenhayn
Newfield
Canton
Shiloh
Roadstown
Bowentown
Sheppards Mill
Fairton
Cedarville
Newport
Port Elizabeth
Brickstown
Dividing Creek
Maurice River
Maurice River Cove
Port Norris
Fortescue
Bivalve
Menantico
Woodbine
Eldora
Delmont
Dennisville
Swainton
Goshen
Cape May Court House
Egg Island Point
Delaware Bay
Townsend
Smyrna
Clayton
Leipsic River
DOVER
Delaware City
Salem
Elkton
New Castle
Wilmington
Chester
Media
West Chester
Coatesville
Brandywine Creek
Christiana River
Red Lion Creek
Appoquinimink River
Chesapeake and Delaware Canal
Delaware River
Schuylkill River
Perkiomen Creek
Tohickon Creek
Neshaminy Creek
Pennypack Creek
Tacony Creek
Cooper River
Big Timber Creek
Newton Creek
Rancocas Creek
Crosswicks Creek
Assunpink Creek
Stony Brook
Millstone River
Raritan River
Lake Hopatcong
Musconetcong River
Paulins Kill
Pequest River
Delaware Water Gap
Flatbrookville
Walpack Center
Layton
Sussex
Branchville
Newton
Andover
Hopatcong
Netcong
Landing
Lake Hopatcong
Stanhope
Succasunna
Dover
Rockaway
Boonton
Montville
Pine Brook
Caldwell
Little Falls
Passaic
Clifton
Paterson
Hawthorne
Glen Rock
Ridgewood
Wyckoff
Midland Park
Westwood
Hillsdale
Pascack
Bergenfield
Dumont
Tenafly
Englewood
Teaneck
Ridgefield Park
Hackensack
Bergen
Jersey City
Bayonne
Kearny
Harrison
Newark
Irvington
Orange
East Orange
Bloomfield
Glen Ridge
Montclair
Nutley
Belleville
Arlington
Kearny
Union City
Weehawken
Hoboken
Flushing
Jamaica
Brooklyn
Staten Island
New York Bay
Raritan Bay
Sandy Hook
Fort Hancock
Coney Island
Rockaway
Perth Amboy
South Amboy
Sayreville
Parlin
Old Bridge
Cliffwood
Keyport
Matawan
Aberdeen
Hazlet
Middletown
Monmouth
Freehold
Morganville
Marlboro
Englishtown
Colts Neck
Eatontown
Shrewsbury
Red Bank
Holmdel
Everett
Navesink
Highlands
Atlantic Highlands
Sea Bright
Monmouth Beach
North Long Branch
Long Branch
West End
Asbury Park
Ocean Grove
Bradley Beach
Avon by the Sea
Belmar
Lake Como
Spring Lake Beach
Manasquan
Point Pleasant
Bayhead
Mantoloking
Lakehurst
Silverton
Whitesville
Burrsville
Osbornsville
Adamstown
Chadwick
Lavallette
Ortley
Hunterdon
Somerset
Mercer
Middlesex
Monmouth
Ocean
Burlington
Camden
Gloucester
Salem
Cumberland
Atlantic
Passaic
Bergen
Hudson
Essex
Union
Morris
Sussex
Warren
Hunterdon
Mercer
Somerset


A
80
B
79
C
78
1
42
2
41
3
40
4
LAKE ERIE
Erie
Mayville
Little Valley
Belmont
Jamestown
Bradford
Warren
Oil City
Franklin
Meadville
Titusville
Emporium
Ridgway
Clearfield
Brookville
DuBois
Punxsutawney
Kittanning
Indiana
Johnstown
Altoona
Huntingdon
Hollidaysburg
Ebensburg
PITTSBURGH
Wilkinsburg
Braddock
McKeesport
Homestead
Duquesne
Carnegie
McKees Rocks
Greensburg
Connellsville
Uniontown
Waynesburg
Washington
Monessen
Charleroi
Canonsburg
Beaver Falls
New Castle
Ambridge
Aliquippa
Sharon
Farrell
Mercer
Oil City
Titusville
Meadville
Corry
Warren
Kinzua
Marshburg
Sheffield
Tionesta
Clarion
Brookville
Punxsutawney
Clearfield
Curwensville
Philipsburg
Bellefonte
Lock Haven
Renovo
Emporium
Cameron
Elk
McKean
Potter
Tioga
Bradford
Sullivan
Lycoming
Union
Snyder
Northumberland
Montour
Columbia
Luzerne
Wyoming
Susquehanna
Pike
Monroe
Carbon
Schuylkill
Berks
Lehigh
Northampton
Dauphin
Lebanon
Lancaster
York
Adams
Cumberland
Perry
Juniata
Mifflin
Centre
Clinton
Huntingdon
Bedford
Fulton
Franklin
Somerset
Cambria
Blair
Indiana
Armstrong
Butler
Lawrence
Mercer
Crawford
Erie
Venango
Forest
Elk
Cameron
McKean
Potter
Tioga
Bradford
Sullivan
Wyoming
Susquehanna
Pike
Monroe
Carbon
Schuylkill
Berks
Lehigh
Northampton
Dauphin
Lebanon
Lancaster
York
Adams
Cumberland
Perry
Juniata
Mifflin
Centre
Clinton
Huntingdon
Bedford
Fulton
Franklin
Somerset
Cambria
Blair
Indiana
Armstrong
Butler
Lawrence
Mercer
Crawford
Erie
Venango
Forest
Elk
Cameron
McKean
Potter
Tioga
Bradford
Sullivan
Lycoming
Union
Snyder
Northumberland
Montour
Columbia
Luzerne

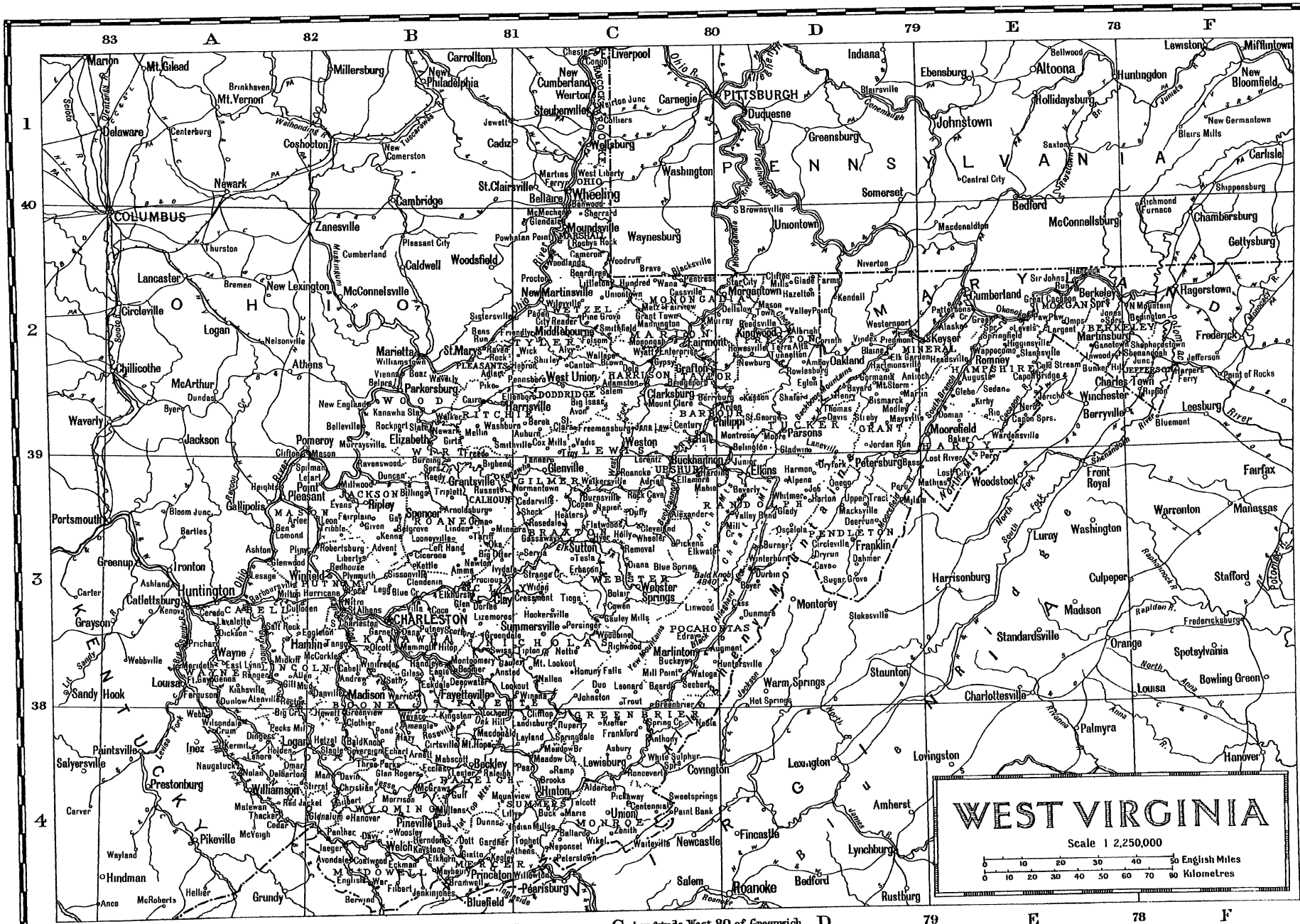

PENNSYLVANIA
Scale 1:1,300,000
0 10 20 30 40 50 Kilometres
0 10 20 30 40 50 English Miles
D 77 E 76 F 75 G
1 42 2 41 3 40 4
Hornell
Bath
Keuka Lake
Seneca Lake
Ithaca
Watkins Glen
Corning
Elmira
Binghampton
Owego
Wellsboro
Towanda
Montrose
Scranton
Wilkes-Barre
Plymouth
Pittston
Honesdale
Carbondale
Milford
Stroudsburg
Easton
Phillipsburg
Bethlehem
Allentown
Flemington
Doylestown
Trenton
Norristown
Phoenixville
Pottstown
Reading
Lebanon
Harrisburg
Carlisle
Mechanicsburg
Lancaster
Columbia
York
Gettysburg
Chambersburg
Mifflintown
Lewistown
Sunbury
Shamokin
Mt. Carmel
Mahanoy City
Tamaqua
Hazleton
Mauch Chunk
Belvidere
Lock Haven
Williamsport
Jersey Shore
Montoursville
Muncy
Milton
Bloomsburg
Danville
Berwick
Nescopeck
Laporte
Dushore
Towanda
Wyalusing
Tunkhannock
Dunmore
Olyphant
Dickson
Old Forge
Moosic
Mountain Home
Cresco
Canadensis
Delaware Water Gap
Milanville
Hawley
Lake Wallenpaupack
Port Jervis
Matamoras
Wellsville
Coudersport
Galeton
Ulysses
Mansfield
Tioga
Wellsboro
Corning
Painted Post
Addison
Greenwood
Canisteo
Hammondsport
Watkins Glen
Seneca Lake
Cayuga Lake
Owego
Binghamton
Susquehanna River
Chemung River
Tioga River
Delaware River
Lackawanna River
Lehigh River
Schuylkill River
Juniata River
Susquehanna River
Allegheny Mountains
Blue Mountains
Kittatinny Mts
Pocono Mts
Endless Mts
Bald Eagle Mts
Tuscarora Mts
Kittatinny Mts
Delaware Water Gap
Gettysburg
Emmitsburg
Taneytown
Manchester
Castleton
Rowlandsville
Wilmington
Delaware
Philadelphia
Camden
Chester
Media
West Chester
Coatesville
Mt. Holly
Bristol
Woodbury
Glassboro
Williamstown Junc
Greenloch
Atco
Winslow
Woodstown
Salem
Bridgeton
Millville
Vineland
Cumberland
Bedford
Somerset
Johnstown
Altoona
Huntingdon
Lewistown
Mifflintown
Selinsgrove


MARYLAND
DELAWARE
AND DISTRICT OF COLUMBIA
Scale 1:950,000
0 10 20 English Miles
0 10 20 30 Kilometres
THE CITY OF
WASHINGTON
English Miles
CONTINUATION WESTWARDS ON THE SAME SCALE
PENNSYLVANIA
WEST VIRGINIA
VIRGINIA
MARYLAND
DISTRICT OF COLUMBIA
Cumberland
Hagerstown
Frederick
Westminster
Martinsburg
Charles Town
Berryville
Leesburg
Rockville
WASHINGTON
Alexandria
Fairfax
Manassas
Fredericksburg
Spotsylvania
King George
Stafford
Quantico
Keyser
Romney
Oldtown
Berkeley Springs
Williamsport
Sharpsburg
Antietam Stat.
Harpers Ferry
Shenandoah Junction
Point of Rocks
Great Falls
Potomac
Blue Ridge
Shenandoah River
Potomac River
Rappahannock River
Occoquan Cr.
Patterson Creek
South Branch
Monocacy
Conococheague
Catoctin
Piedmont
Oakland
Grantsville
Selbysport
Elk Lick
Finzel
Mt. Savage
Morantown
Allegany
Eckhart Mines
Vale Summit
Frostburg
Avilton
Jennings
Accident
Kendall
Friendsville
Fearer
Hoyes
Sang Run
McHenry
Bittinger
Merrill
Meadow Mts
Negro Mts
Savage River
Bloomington
Swanton
Beckman
Frankville
Barton
Western Port
Dawson
Piedmont
Keyser
Sines
Oughoghany River
Hutton
Oakland
Deer Park
Altamont
Bear Mts
Kitzmiller
Crellin
Mountain Lake Park
Back Creek
Great Branard
Gormania
Patterson Creek
South Branch
Bond
Moscow Mills
Lonaconing
Pekin
Rawlings
Midland
Carlos
New Germany
Ocean
Cresaptown
Meadow Mts
Savage River
Elk Garden
Bayard
Terra Alta
Kingwood
Rowlesburg
Tunnelton
Albright
Masontown
Reedsville
Fairmont
Clarksburg
Weston
Buckhannon
Elkins
Webster Springs
Sutton
Summersville
Gauley Bridge
Fayetteville
Montgomery
Charleston
Point Pleasant
Huntington
Ceredo
Kenova
Ashland
Catlettsburg
Ironton
Portsmouth
Gallipolis
Pomeroy
Middleport
Athens
Nelsonville
Logan
Chauncey
Guyandotte
Barboursville
Milton
Hurricane
Winfield
Buffalo
Leon
Mason
Letart
Middleport
Pomeroy
Racine
Long Bottom
Reedsville
Rutland
Chester
Middleport
Pomeroy
Mason
Letart
Point Pleasant
Gallipolis
Ohio River
Kanawha River
Big Sandy River
Tug Fork
Guyandotte River
Coal River
Elk River
Gauley River
New River
Greenbrier River
Cheat River
Youghiogheny River
Monongahela River
Potomac River
Shenandoah River
Rappahannock River
Occoquan Cr.
Patterson Creek
South Branch
Monocacy
Conococheague
Catoctin
Piedmont
Oakland
Grantsville
Selbysport
Elk Lick
Finzel
Mt. Savage
Morantown
Allegany
Eckhart Mines
Vale Summit
Frostburg
Avilton
Jennings
Accident
Kendall
Friendsville
Fearer
Hoyes
Sang Run
McHenry
Bittinger
Merrill
Meadow Mts
Negro Mts
Savage River
Bloomington
Swanton
Beckman
Frankville
Barton
Western Port
Dawson
Piedmont
Keyser
Sines
Oughoghany River
Hutton
Oakland
Deer Park
Altamont
Bear Mts
Kitzmiller
Crellin
Mountain Lake Park
Back Creek
Great Branard
Gormania
Patterson Creek
South Branch
Bond
Moscow Mills
Lonaconing
Pekin
Rawlings
Midland
Carlos
New Germany
Ocean
Cresaptown
Meadow Mts
Savage River
Elk Garden
Bayard
Terra Alta
Kingwood
Rowlesburg
Tunnelton
Albright
Masontown
Reedsville
Fairmont
Clarksburg
Weston
Buckhannon
Elkins
Webster Springs
Sutton
Summersville
Gauley Bridge
Fayetteville
Montgomery
Charleston
Point Pleasant
Huntington
Ceredo
Kenova
Ashland
Catlettsburg
Ironton
Portsmouth
Gallipolis
Pomeroy
Middleport
Athens
Nelsonville
Logan
Chauncey
Guyandotte
Barboursville
Milton
Hurricane
Winfield
Buffalo
Leon
Mason
Letart
Middleport
Pomeroy
Racine
Long Bottom
Reedsville
Rutland
Chester
Middleport
Pomeroy
Mason
Letart
Point Pleasant
Gallipolis
Ohio River
Kanawha River
Big Sandy River
Tug Fork
Guyandotte River
Coal River
Elk River
Gauley River
New River
Greenbrier River
Cheat River
Youghiogheny River
Monongahela River
Potomac River
Shenandoah River
Rappahannock River
Occoquan Cr.
Patterson Creek
South Branch
Monocacy
Conococheague
Catoctin
Piedmont
Oakland


C
76
D
75
WILMINGTON
Woodbury
Williamstown Junction
Glassboro
Penns Grove
Salem
Quinton
Elmer
Newfield
Vineland
Bridgeton
Millville
Port Norris
Bayside
Cohansey Cr
Delaware River
Delaware Bay
Egg I. Point
Cape Henlopen
Lewes
Rehoboth Beach
Indian R. Inlet
Ocean City
Berlin
Ironshire
Snow Hill
Newark
Girdletree
Stockton
Pocomoke City
Costen
Whitesburg
Princess Anne
Salisbury
Fruitland
Quantico
Wetipquin
Tyaskin
Bivalve
Jesterville
Nanticoke
Whitehaven
Mt. Vernon
Eden
Loretto
Peninsula
Arden
Cokesbury
Westover
Deal Island
Dames Quarter
Oriole
Marion
Rehobeth
Kingston
Harold
Fairmount
Manokin
Beaverdam
Welbourn
Marumsco
Shelltown
Longridge
Hopewell
Crisfield
Lawsonia
Smith Island
Tangier Sound
Pocomoke Sound
Fishing Point
Kedges Straits
Big Annemessex R.
Little Annemessex R.
Wicomico River
Nanticoke River
Monie Bay
Manokin R.
Chincoteague Bay
Newport Bay
Assawoman Bay
Indian R. Bay
Rehoboth Bay
Broadkill R.
Cedar Cr.
Murderkill
Mispillion
Houston Station
Harrington
Milford
Farmington
Lincoln
Ellendale
Greenwood
Oakley
Milton
Nassau
Harbeson
Cool Spring
Robbins
Overbrook
Broadkill
Georgetown
Millsboro
Dagsboro
Frankford
Selbyville
Williamsville
Bethany Beach
Fenwick Island
Ocean View
Clarksville
Indian R.
Stockley
Hollyville
Angola
Warwick
Seaford
Woodland
Concord
Oak Grove
Ross
Middleford
Cannon
Gravelly
Bridgeville
Smith
Greenwood
Owens
Oakley
Ellendale
Milton
Nassau
Harbeson
Cool Spring
Robbins
Overbrook
Broadkill
Redden
Robinsonville
Fairmount
Midway
Rehoboth Beach
Angola
Holly Oak
Bellevue
Edge Moor
Claymont
Brandywine Spgs
Gramogus
Grubbs
Rockland
Montchanin
Yorklyn
Hockessin
Kirkwood
Mt. Cuba
Marshallton
Stanton
Newport
Farmhurst
Christiana
New Castle
Delaware City
St. Georges
Summit Bridge
Port Penn
Mt. Pleasant
Odessa
Middletown
Taylors Bridge
Townsend
Blackbird Forest
Smyrna
Green Spring
Clayton
Branford
Leipsic
Cheswold
Dupont
Little Creek
DOVER
Camden
Woodside
Magnolia
Willow Grove
Viola
Sandtown
Bowers
Wyoming
Hartly
Slaughter
Templeville
Barclay
Roberts
Marydel
Price
Inglesides
Hayden
Henderson
Goldsboro
Felton
Fredericka
Creek
Ridgely
Greensboro
Hillsboro
Denton
Hobbs
Hickman
Williston
Harrington
Houston Station
Milford
Farmington
Lincoln
Cedar Cr.
Mispillion
Queen Anne
Willoughby
Wye Mills
Wye Mills Sta.
Carmichael
Queenstown
Centreville
Church Hill
Sudlersville
Templeville
Barclay
Roberts
Marydel
Price
Inglesides
Hayden
Henderson
Goldsboro
Sandtown
Viola
Willow Grove
Woodside
Magnolia
Camden
Wyoming
Hartly
Slaughter
Dupont
Little Creek
Cheswold
Leipsic
Kenton
Smyrna
Green Spring
Clayton
Branford
Townsend
Blackbird Forest
Odessa
Middletown
Taylors Bridge
Summit Bridge
Port Penn
Mt. Pleasant
Delaware City
St. Georges
Kirkwood
Harmony
Newport
Farmhurst
Christiana
New Castle
Salem Creek
Elkton
Northeast
Charlestown
Havre de Grace
Perryville
Aberdeen
Bel Air
Churchville
Forest Hill
Rocks
Minefield
Sharon
Jarrettsville
Whitehall
Parkton
Maple Grove
Greenmount
Manchester
Ebbvale
Alpine
Lineboro
Millers
Hampstead
Arcadia
Carrollton
Fowblesburg
Boring
Patapsco
Woodensburg
Glyndon
Cockeysville
Reisterstown
Owings Mills
Garrison
Pikesville
Mt. Washington
Homeland
Woodbrook
Towson
White Marsh
Chase
Bengies
Stemmers Run
Sta.
Timonium
Lutherville
Texas
Summerfield
Glenarm
Long Green
Hyde
Fallston
Benson
Joppa
Edgewood
Magnolia
Abingdon
Stevell
Perryman
Earleville
Warwicke
Cecilton
Betterton
Galena
Golts
Sassafras
Still Pond
Kennedyville
Lambsons
Massey
Worton
Lynch
Pond Sta.
Millington
Crumpton
Fairlee
Chestertown
Tolchester Beach
Pomona
Eastern Bay
Rockhall
Bodkin Point
North Point
Patapsco
Elkridge
Hanover
Guilford
Harmans
Severn
Jessup
Savage
Camp Meade Junction
Laurel
Odenton
Gambrills
Millersville
Revell
Arnold
Winchester
Love Point
Stevensville
Queenstown
Carmichael
Wye Mills
Wye Mills Sta.
Greensboro
Ridgely
Willoughby
Queen Anne
Hillsboro
Denton
Hobbs
Hickman
Williston
Harrington
Houston Station
Milford
Farmington
Lincoln
Cedar Cr.
Mispillion
Greenwood



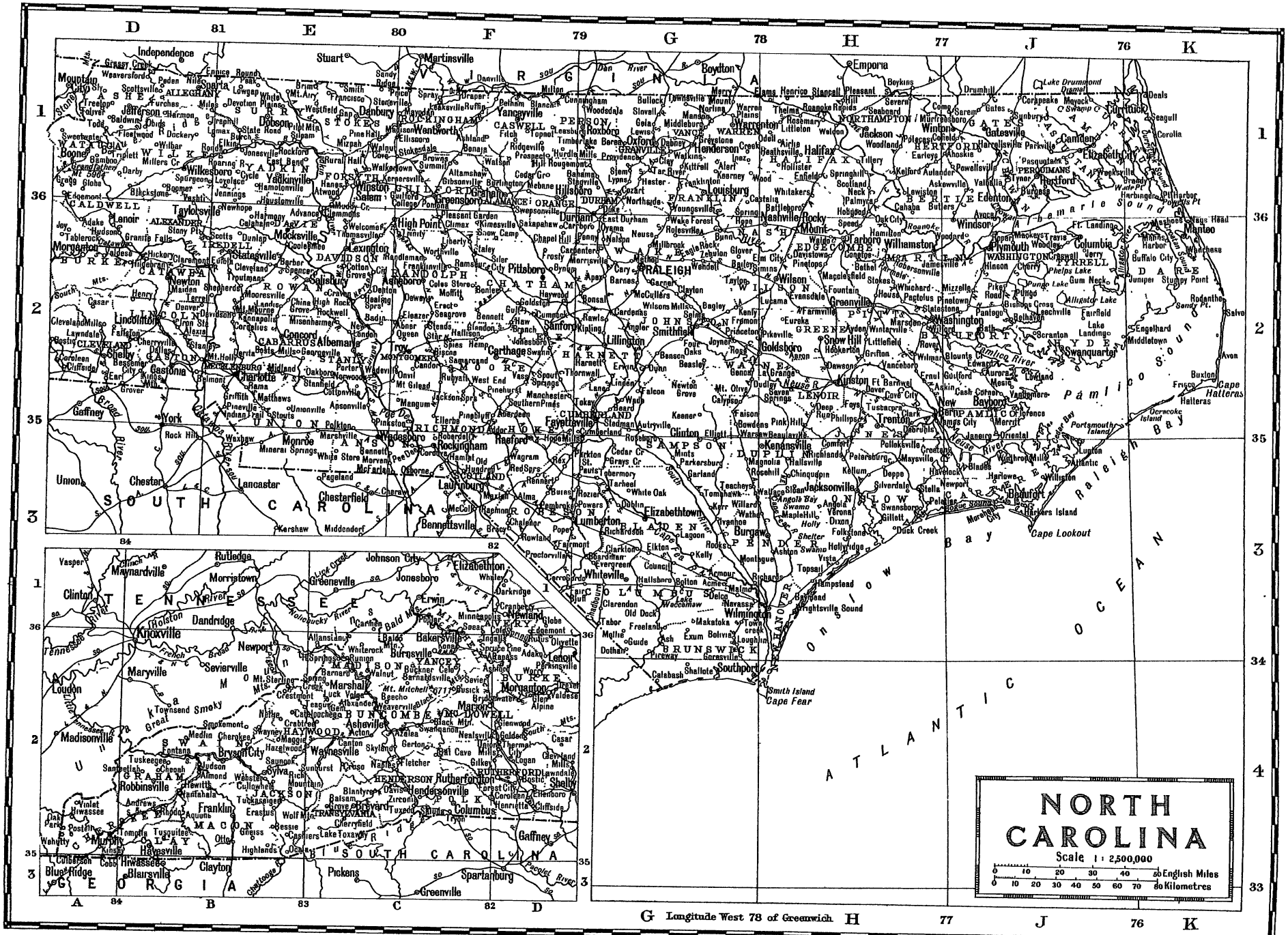
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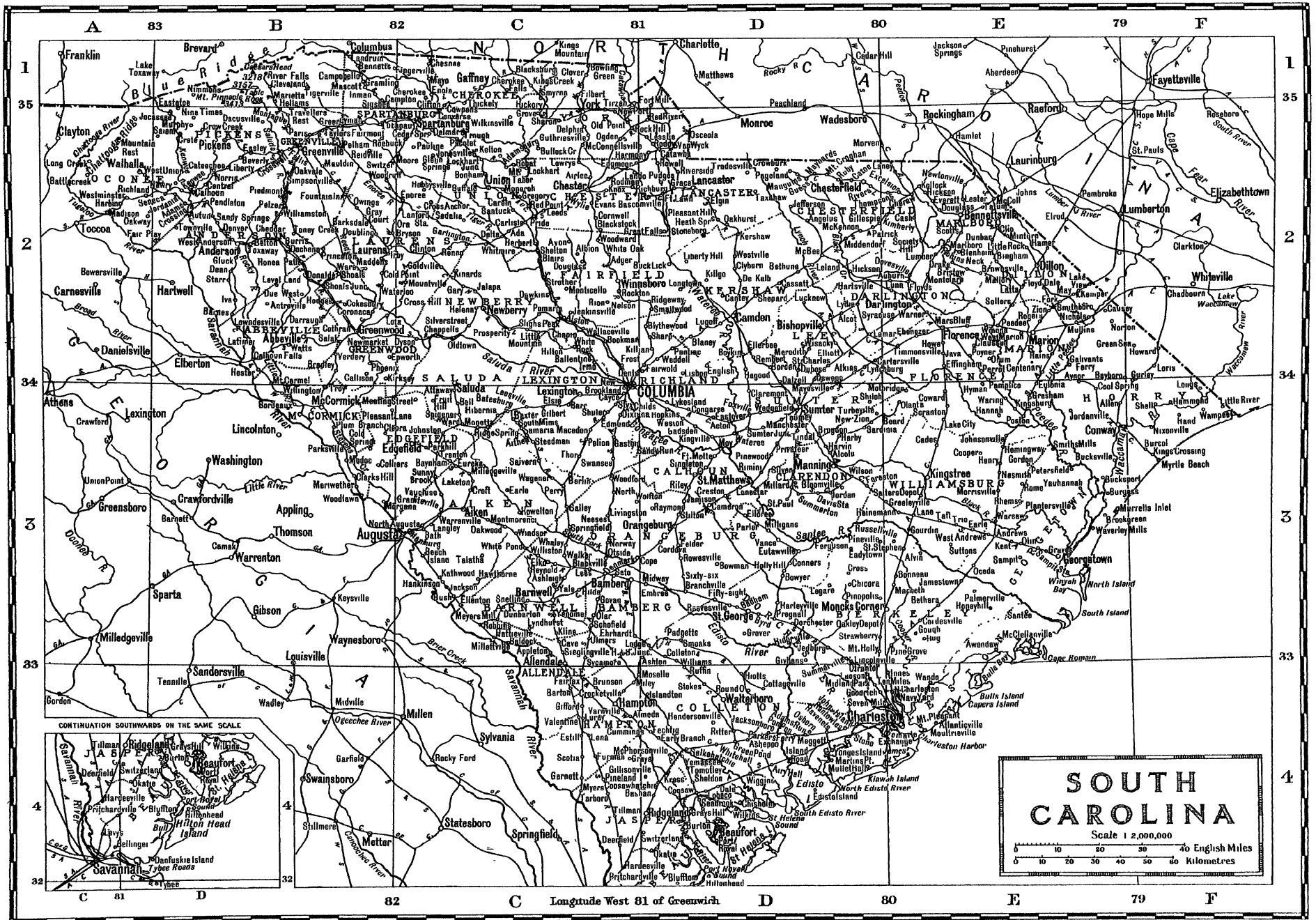


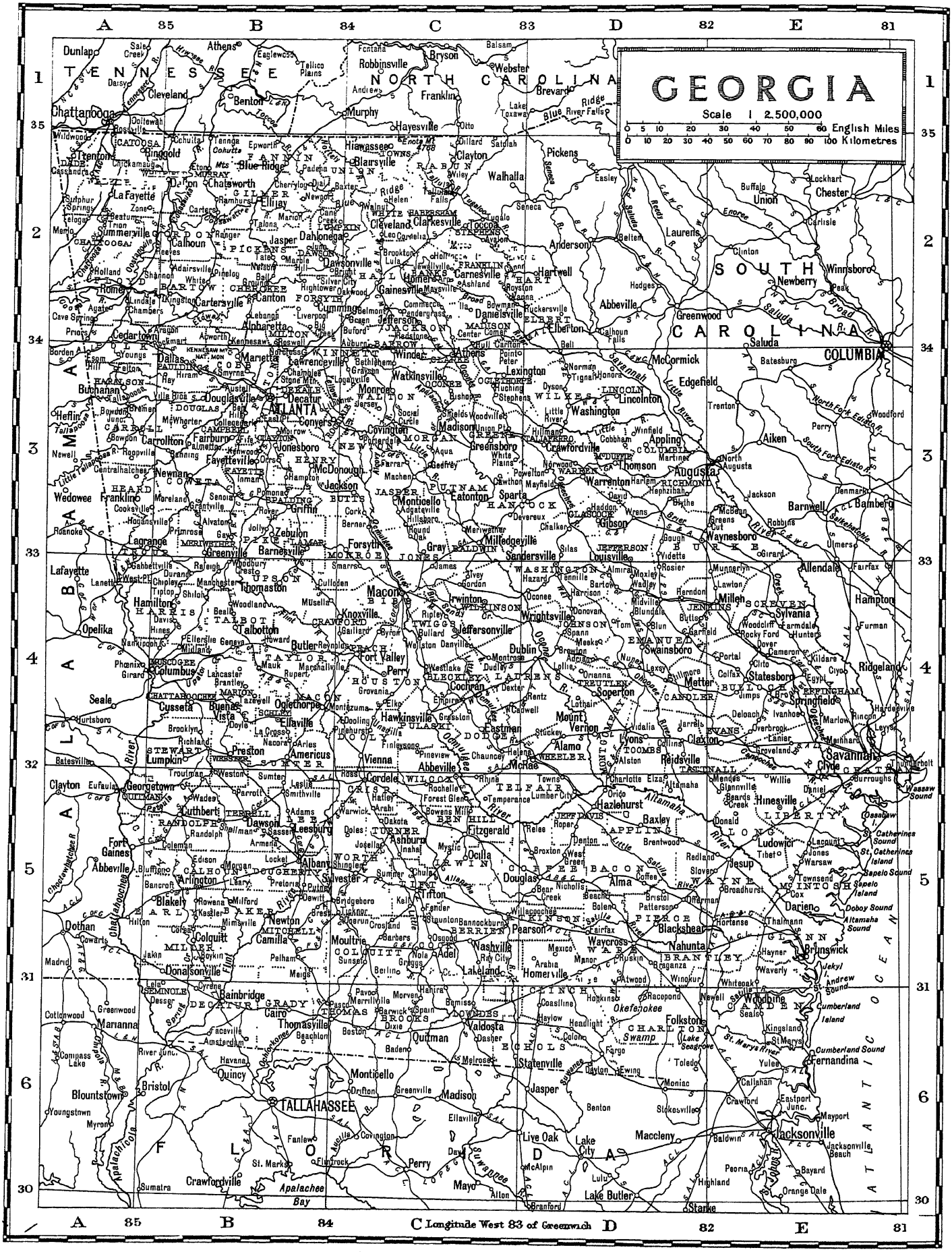
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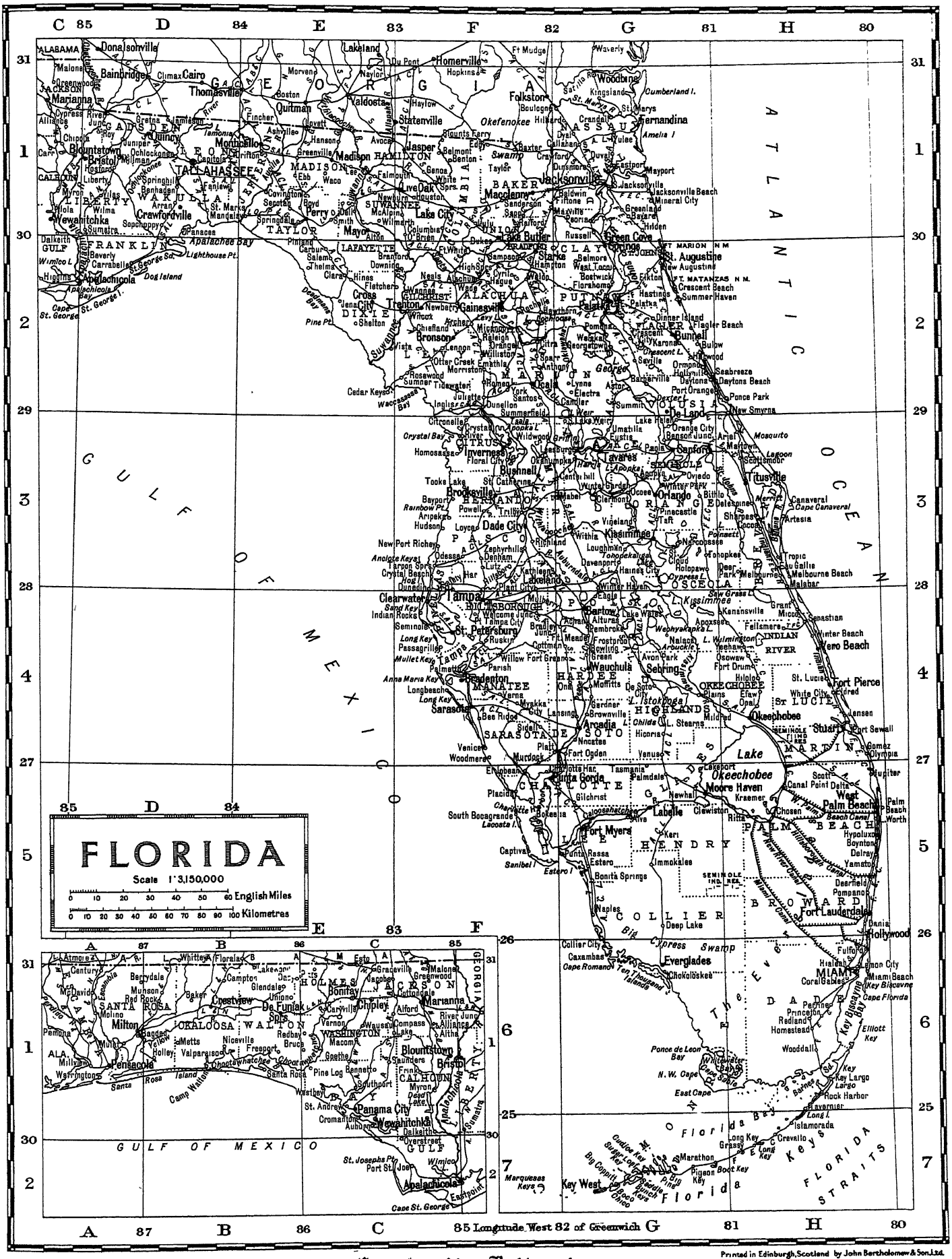
111


NORTH CAROLINA
Scale 1 : 2,500,000
0 10 20 30 40 50 English Miles
0 10 20 30 40 50 60 70 80 Kilometres
Longitude West 78 of Greenwich
ATLANTIC OCEAN
Pamlico Sound
Albemarle Sound
Currituck Sound
Onslow Bay
Raleigh Bay
Pamlico Bay
Lake Drummond
Dismal Swamp
Cape Hatteras
Cape Lookout
Cape Fear
Smith Island
Ocracoke Island
Portsmouth Island
Bodie Island
Roanoke Island
Roanoke R.
Tar River
Neuse R.
Pamlico R.
Trent R.
Lumber R.
Waccamaw R.
Pee Dee R.
Yadkin R.
Catawba R.
Broad R.
Saluda R.
Savannah R.
Little Tennessee R.
French Broad R.
Nolichucky River
Watauga R.
New R.
Holston R.
Clinch R.
Powell R.
Cumberland Gap
Big Black Mtn.
Mt. Mitchell 6711
Mt. Sterling
Great Smoky Mts.
Unaka Mts.
Bald Mts.
Iron Mts.
Blue Ridge
Brushy Mts.
Pilot Mtn.
Sauratown Mts.
Uwharrie Mts.
Hanging Rock
Crowders Mtn.
Kings Mtn.
South Mts.
Table Rock
Hawksbill
Grandfather Mtn.
Linville Falls
Linville Gorge
Roan Mtn.
Black Mtn.
Craggy Mts.
Pisgah
Balsam Mts.
Plott Balsam
Cowee Mts.
Nantahala
Unicoi Mts.
Chilhowee Mts.
Bays Mtn.
Clinch Mtn.
Iron Mtn.
Holston Mtn.
Powell Mtn.
Cumberland Mtn.
Cumberland Plateau
Lookout Mtn.
Sand Mtn.
Raccoon Mtn.
Walden Ridge
Signal Mtn.
Missionary Ridge
Pigeon Mtn.
Taylor Ridge
Lookout Valley
Wills Valley
Sequatchie Valley
Sequatchie R.
Tennessee R.
Hiwassee R.
Ocoee R.
Nottely R.
Toccoa R.
Little R.
Little Pigeon R.
Nolichucky R.
Watauga R.
Holston R.
Clinch R.
Powell R.
Emory R.
Obed R.
Big South Fork
Cumberland R.
Caney Fork
Duck R.
Elk R.
Harpeth R.
Buffalo R.
Duck River
Normandy Reservoir
Tims Ford Reservoir
Woods Reservoir
Old Hickory Lake
Percy Priest Lake
Cheatham Lake
Kentucky Lake
Barkley Lake
Pickwick Lake
Wheeler Lake
Guntersville Lake
Nickajack Lake
Chickamauga Lake
Watts Bar Lake
Fort Loudoun Lake
Douglas Lake
Cherokee Lake
Norris Lake
Melton Hill Lake
Tellico Lake
Hiwassee Reservoir
Apalachia Reservoir
Blue Ridge Reservoir
Ocoee Reservoir
Parksville Reservoir
Chatuge Reservoir
Nottely Reservoir
Fontana Lake
Santeetlah Lake
Cheoah Lake
Calderwood Lake
Chilhowee Lake
Abrams Creek
Little River
Little Tennessee R.
Tuckasegee R.
Oconaluftee R.
Cullowhee Creek
Scott Creek
Savannah R.
Chattooga R.
Tugaloo R.
Tallulah R.
Toccoa R.
Nottely R.
Hiwassee R.
Ocoee R.
Conasauga R.
Coosawattee R.
Fightingtown Creek
Jocassee Lake
Keowee Lake
Hartwell Lake
Clarks Hill Lake
Thurmond Lake
Russell Lake
Richard B. Russell Lake
Lake Oconee
Lake Sinclair
Lake Jackson
Lake Blackshear
Lake Seminole
Lake Walter F. George
Lake Eufaula
Lake Harding
Lake Weiss
Lake Allatoona
Lake Lanier
Lake Sidney Lanier
Lake Burton
Lake Rabun
Lake Tugalo
Lake Yonah
Lake Hartwell
Lake Russell
Lake Thurmond
Lake Strom Thurmond
Lake Murray
Lake Greenwood
Lake Monticello
Lake Wateree
Lake Fishing Creek
Lake Great Falls
Lake Rhodhiss
Lake Hickory
Lake Norman
Lake Mtn. Island
Lake Wylie
Lake Tillery
Lake Badin
Lake High Rock
Lake Thom-A-Lex
Lake Reese
Lake Tom Sawyer
Lake Brandt
Lake Townsend
Lake Higgins
Lake Brandt
Lake Jeanette
Lake Mackintosh
Lake Phelps
Lake Mattamuskeet
Lake Ellis
Lake Landing
Lake Scranton
Lake Comfort


SOUTH CAROLINA
Scale 1 2,000,000
0 10 20 30 40 English Miles
0 10 20 30 40 50 60 Kilometres
CONTINUATION SOUTHWARDS ON THE SAME SCALE
Longitude West 81 of Greenwich
NORTH CAROLINA
GEORGIA
Atlantic Ocean
Charleston
Columbia
Greenville
Spartanburg
Florence
Myrtle Beach
Georgetown
Beaufort
Hilton Head Island
Savannah
Augusta
Aiken
Sumter
Darlington
Rockingham
Fayetteville
Lumberton
Whiteville
Dillon
Conway
Kingstree
Manning
Orangeburg
Barnwell
Bamberg
Walterboro
Hampton
Allendale
Laurens
Anderson
Abbeville
Greenwood
Newberry
Saluda
Lexington
Richland
Fairfield
Winnsboro
Camden
Bishopville
Chesterfield
Marlboro
Marion
Florence
Williamsburg
Clarendon
Calhoun
Aiken
Edgefield
McCormick
Abbeville
Greenwood
Laurens
Union
Chester
Lancaster
Kershaw
Lee
Darlington
Dillon
Horry
Georgetown
Berkeley
Charleston
Colleton
Jasper
Beaufort
Hampton
Allendale
Barnwell
Bamberg
Orangeburg
Calhoun
Clarendon
Williamsburg
Florence
Marion
Dillon
Marlboro
Chesterfield
Lancaster
Chester
Union
Laurens
Greenwood
Abbeville
McCormick
Edgefield
Aiken
Saluda
Lexington
Richland
Fairfield
Kershaw
Lee
Sumter
Clarendon
Williamsburg

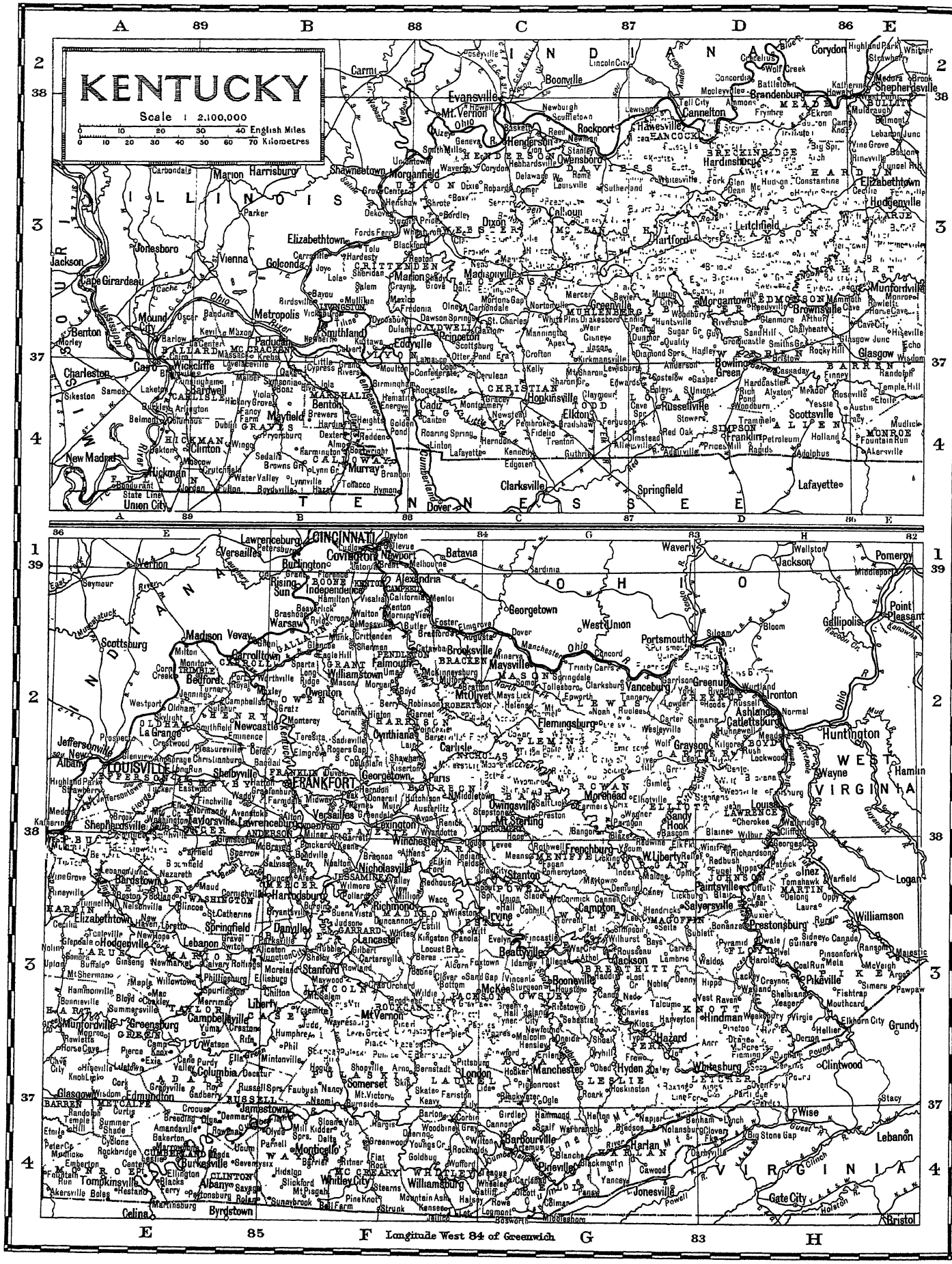


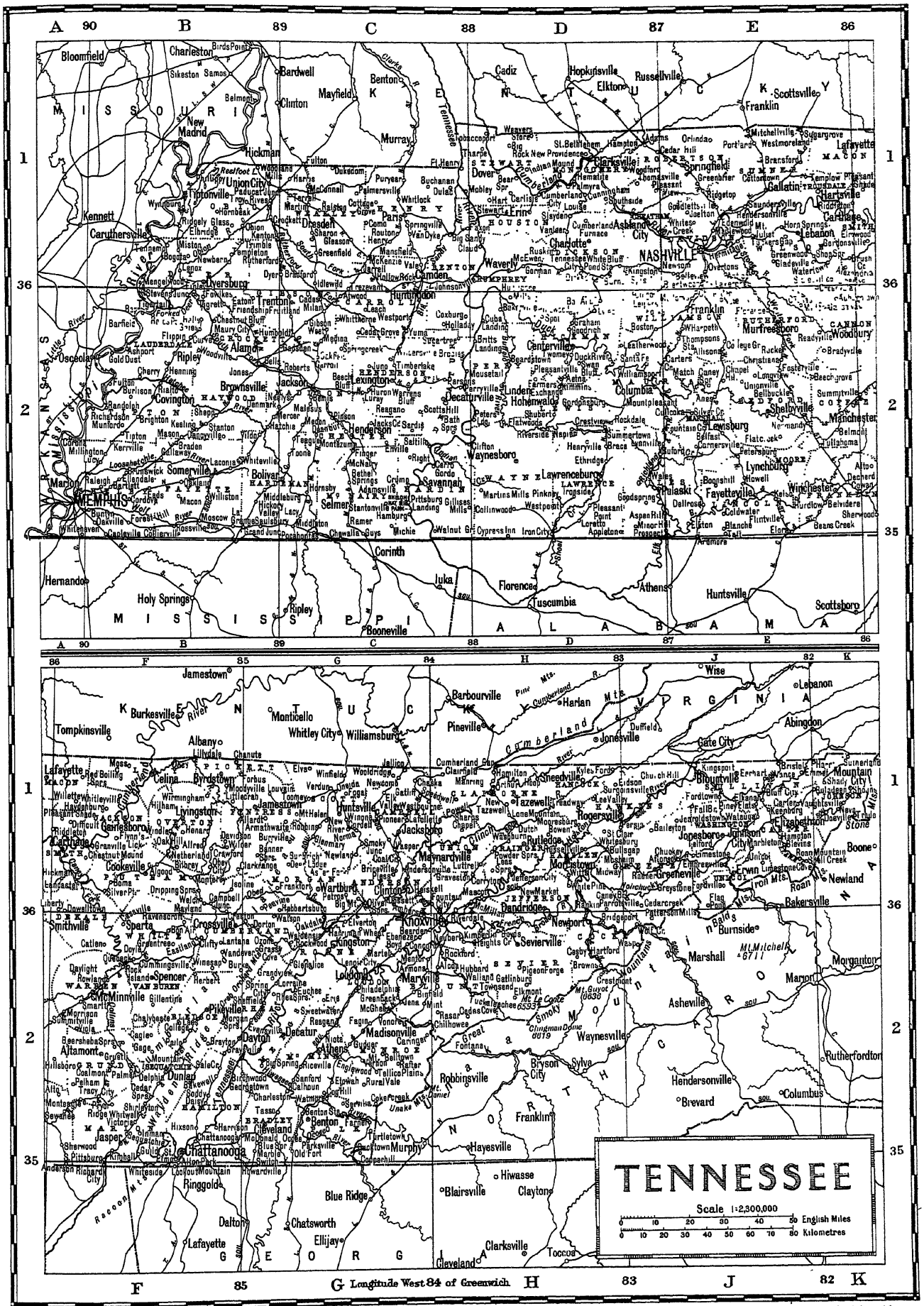
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KENTUCKY
Scale 1 2,100,000
0 10 20 30 40 English Miles
0 10 20 30 40 50 60 70 Kilometres
A 89 B 88 C 87 D 86 E
2 38 3 37 4
I N D I A N A
I L L I N O I S
T E N N E S S E E
O H I O
W E S T V I R G I N I A
V I R G I N I A
Evansville
Henderson
Owensboro
Madisonville
Hopkinsville
Princeton
Eddyville
Paducah
Mayfield
Murray
Benton
Smithland
Metropolis
Cairo
Wickliffe
Fulton
Union City
Dover
Clarksville
Springfield
Lafayette
Cincinnati
Covington
Newport
Maysville
Ashland
Huntington
Portsmouth
Ironton
Louisville
Frankfort
Lexington
Winchester
Richmond
Danville
Harrodsburg
Bardstown
Elizabethtown
Hodgenville
Campbellsville
Greensburg
Columbia
Somerset
Jamestown
Monticello
Burkesville
Glasgow
Bowling Green
Russellville
Owensboro
Hawesville
Cannelton
Rockport
Tell City
Brandenburg
Corydon
Shepherdsville
Hardinsburg
Irvington
Leitchfield
Hartford
Morgantown
Brownsville
Munfordville
Cave City
Scottsville
Franklin
Glasgow
Barren
Monroe
Gallipolis
Point Pleasant
Pomeroy
Middleport
Wayne
Hamlin
Williamson
Prestonsburg
Pikeville
Elkhorn City
Grundy
Hazard
Whitesburg
Clintwood
Wise
Lebanon
Gate City
Bristol
Jonesville
Pineville
Harlan
Barbourville
Manchester
London
Somerset
Columbia
Campbellsville
Lebanon
Springfield
Danville
Harrodsburg
Frankfort
Versailles
Lexington
Winchester
Richmond
Irvine
Beattyville
Jackson
Hindman
Whitesburg
Hazard
Paintsville
Salyersville
Prestonsburg
Louisa
Ashland
Catlettsburg
Huntington
Ironton
Portsmouth
Gallipolis
Point Pleasant
Pomeroy
Middleport
Wayne
Hamlin
Williamson

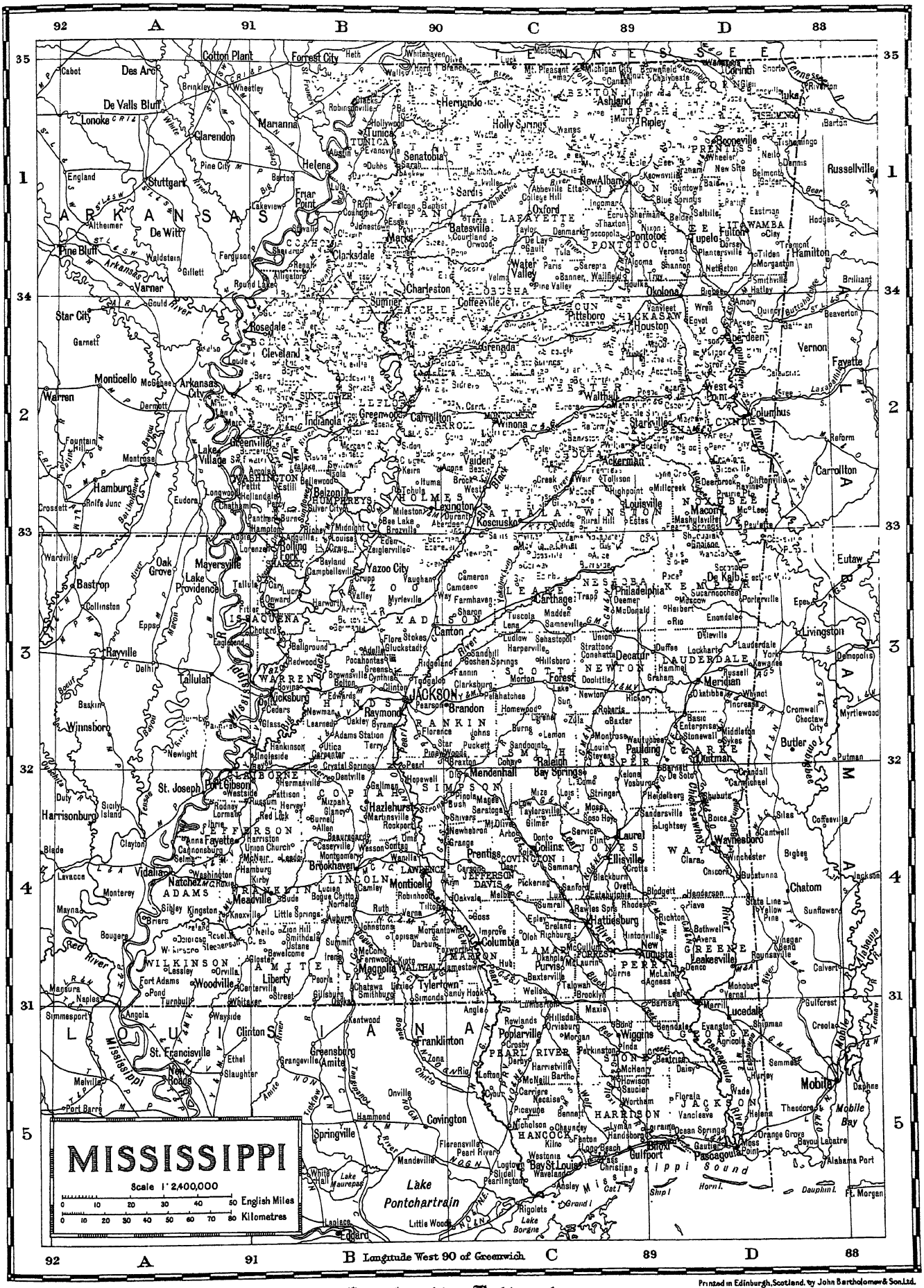


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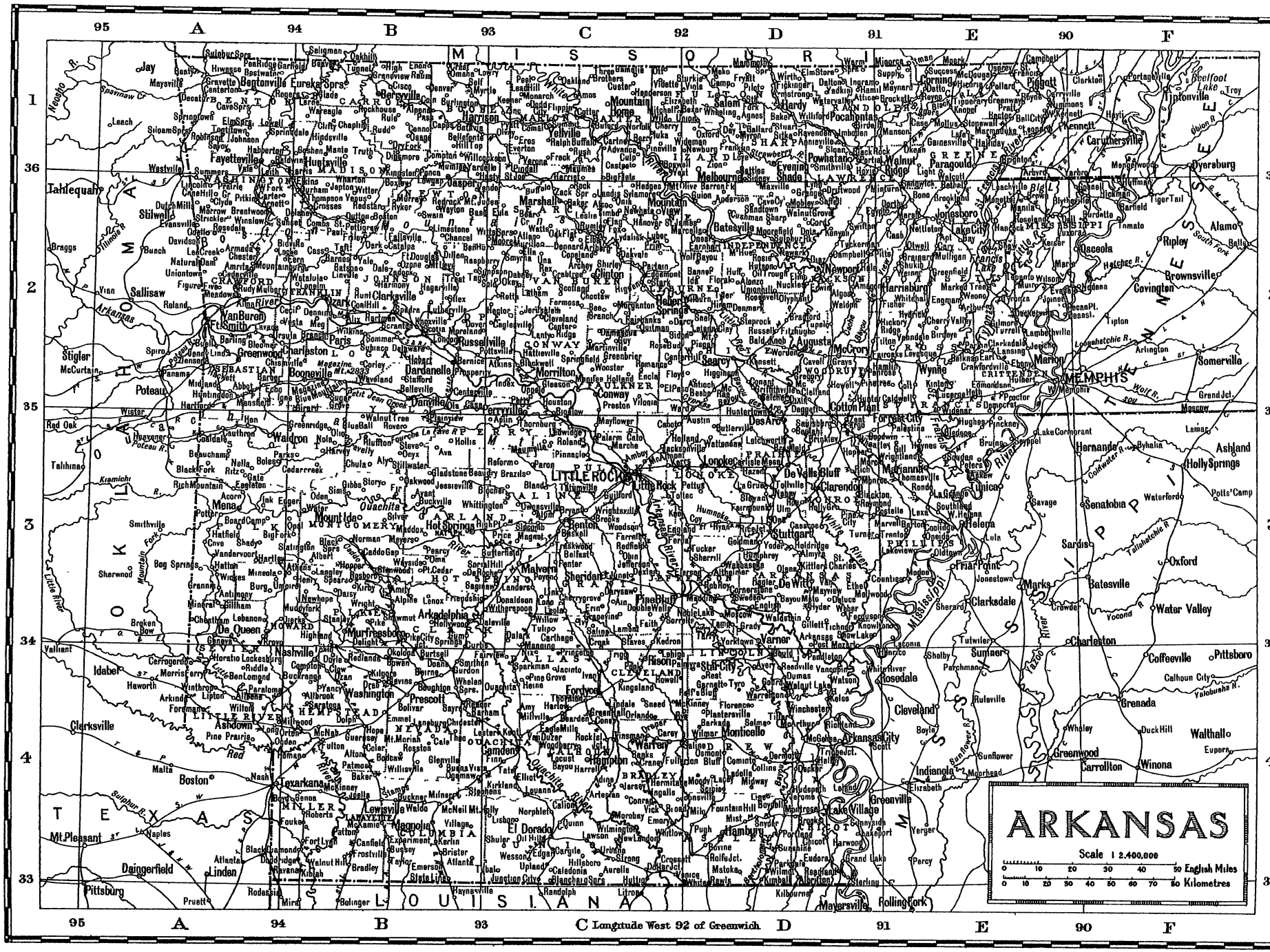
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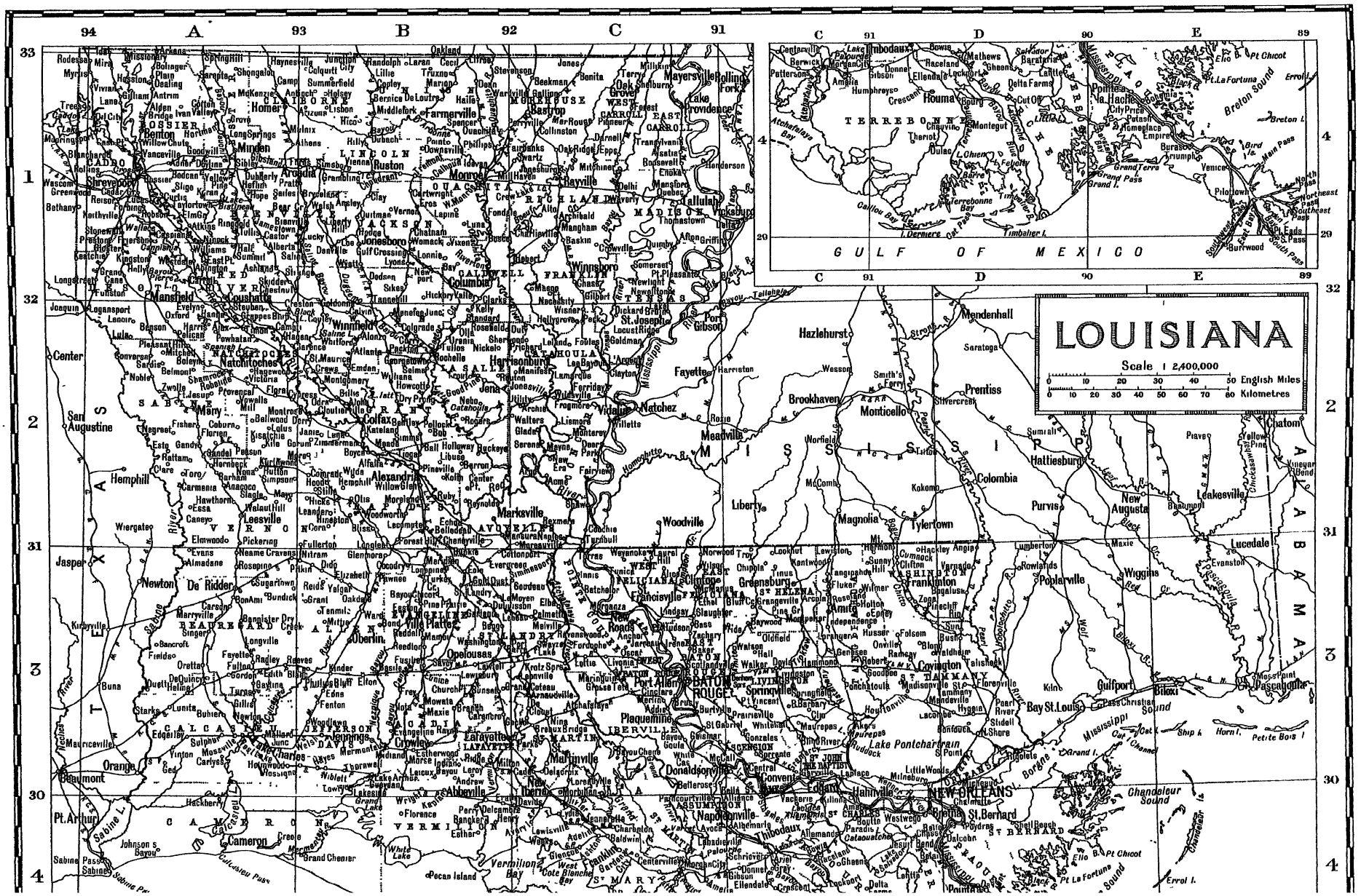


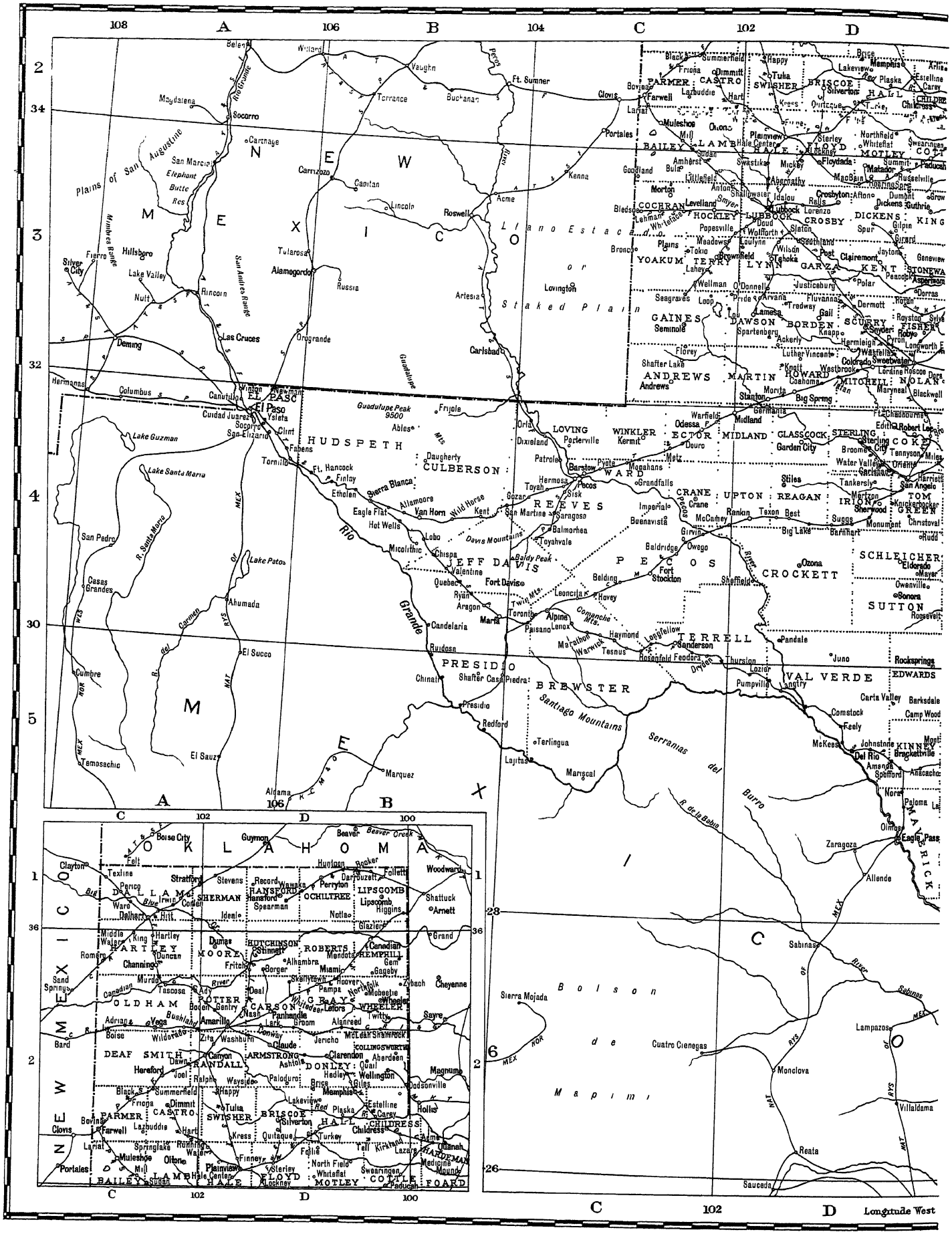
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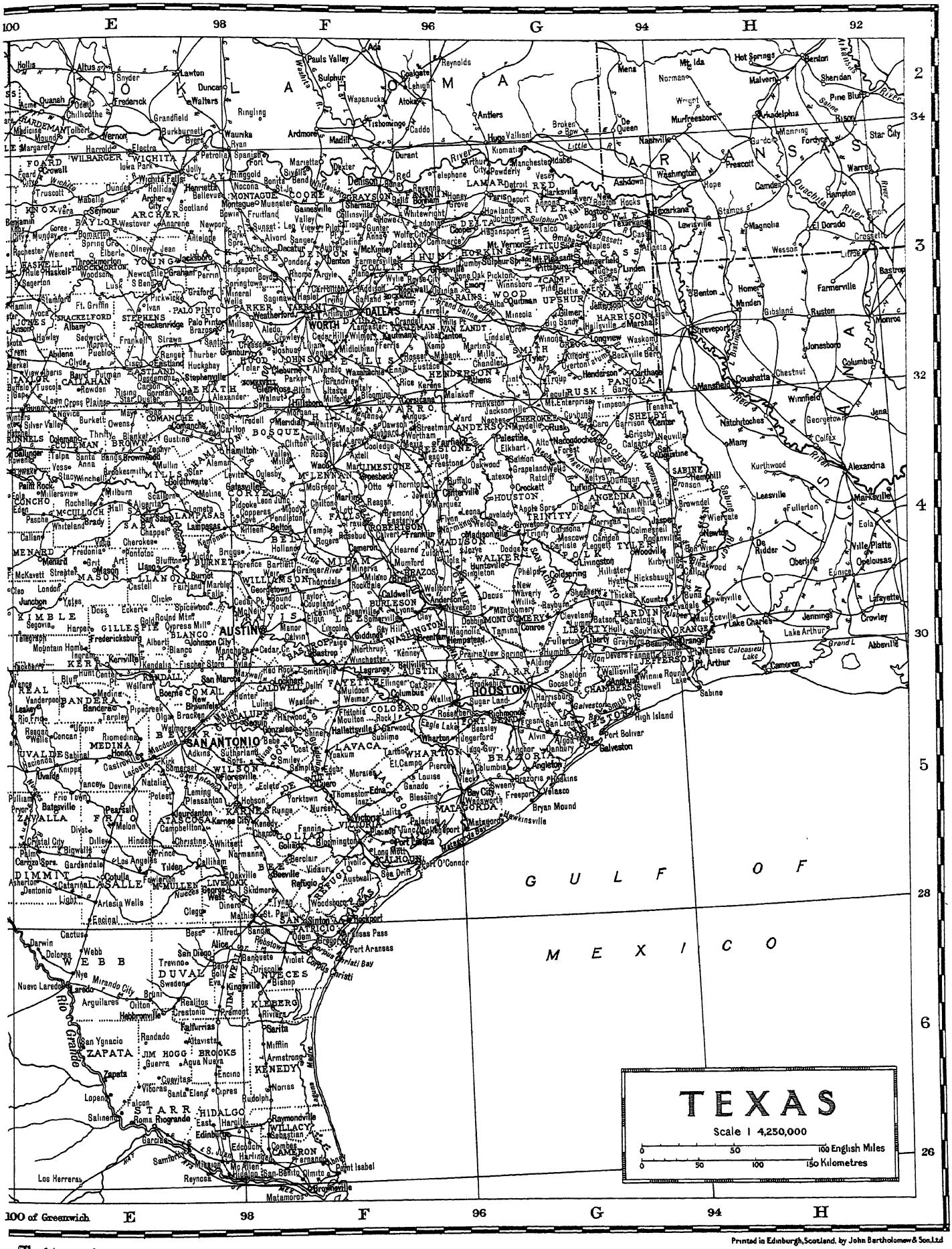

ARKANSAS
Scale 1 2,400,000
0 10 20 30 40 50 English Miles
0 10 20 30 40 50 60 70 80 Kilometres
Longitude West 92 of Greenwich
LITTLE ROCK
MEMPHIS
Fort Smith
Pine Bluff
Hot Springs
Texarkana
Jonesboro
Helena
Blytheville
Batesville
Harrison
Searcy
Conway
Russellville
Clarksville
Fayetteville
Arkadelphia
Camden
El Dorado
Magnolia
Monticello
Pine Bluff
Stuttgart
Forrest City
Wynne
Marion
West Memphis
Paragould
Jonesboro
Newport
Batesville
Mountain Home
Melbourne
Salem
Yellville
Berryville
Eureka Springs
Bentonville
Rogers
Siloam Springs
Gravette
Decatur
Gentry
Springdale
Huntsville
Lincoln
Prairie Grove
Farmington
Greenland
Johnson
Ozark
Clarksville
Paris
Ola
Danville
Dardanelle
Russellville
Morrilton
Conway
Greenbrier
Damascus
Quitman
Clinton
Heber Springs
Searcy
Augusta
McCrory
Wynne
Harrisburg
Marked Tree
Lepanto
Osceola
Blytheville
Manila
Leachville
Piggott
Pocahontas
Corning
Walnut Ridge
Hoxie
Powhatan
Black Rock
Imboden
Smithville
Evening Shade
Sidney
Mammoth Spring
Salem
Mountain View
Calico Rock
Cotter
Gassville
Yellville
Flippin
Bull Shoals
Lead Hill
Harrison
Omaha
Alpena
Green Forest
Berryville
Eureka Springs
Bentonville
Rogers
Siloam Springs
Gravette
Decatur
Gentry
Springdale
Fayetteville

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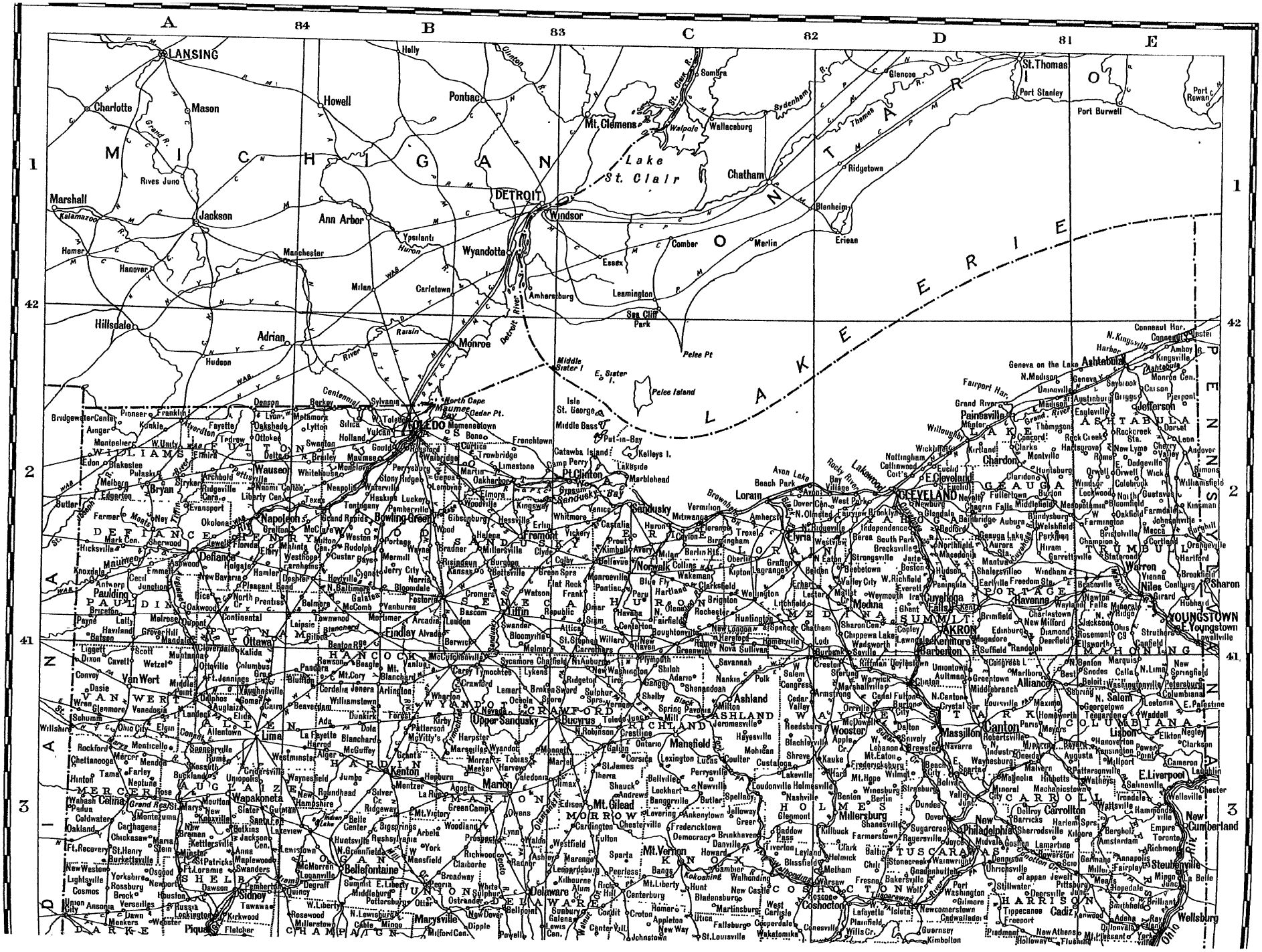
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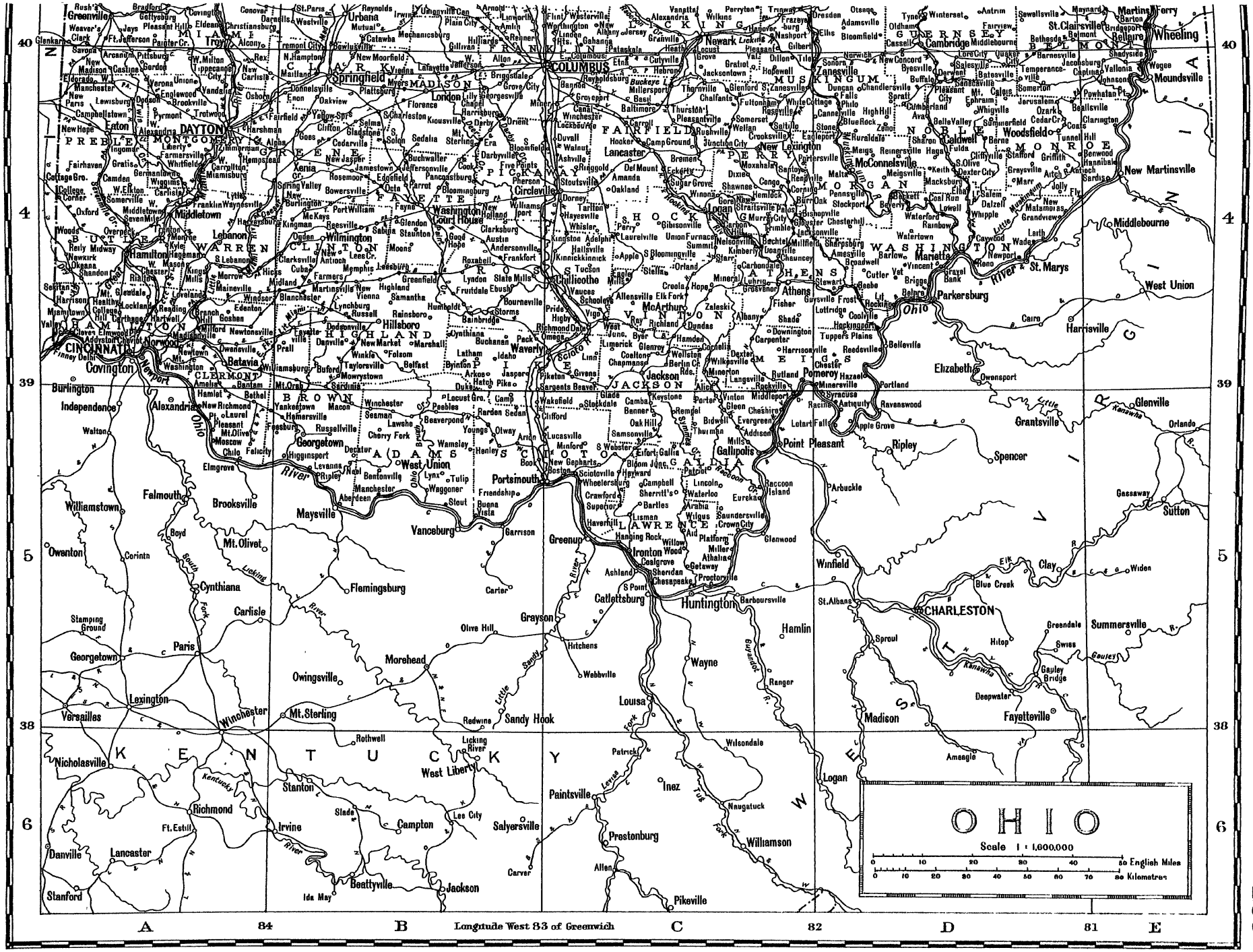

LOUISIANA
Scale 1 2,400,000
0 10 20 30 40 50 English Miles
0 10 20 30 40 50 60 70 80 Kilometres
GULF OF MEXICO
NEW ORLEANS
Baton Rouge
Lake Pontchartrain
Lake Maurepas
Mississippi
Red
Ouachita
Atchafalaya
Bayou Teche
Vermilion Bay
Sabine L.
Calcasieu L.
Caddo L.
Toledo Bend Res.
Sabine Pass
Calcasieu Pass
Grand Isle
Chandeleur Sound
Breton Sound
Barataria Bay
Terrebonne Bay
Timbalier I.
Grand Terre
Grand I.
Isle Dernière
Caillou Bay
Black Bay
Bird I.
Main Pass
Northeast Pass
Southeast Pass
South Pass
Southwest Pass
East Bay
Breton I.
Errol I.
Petite Bois I.
Horn I.
Ship I.
Cat I.
Cat Channel
Mississippi Sound
Bay St. Louis
Pass Christian
Gulfport
Biloxi
Pascagoula
Moss Point
Lucedale
Evanston
Wiggins
Poplarville
Franklinton
Covington
Hammond
Amite
Greensburg
St. Francisville
Jackson
Clinton
Woodville
Natchez
Vidalia
Harrisonburg
Winnsboro
Columbia
Winnfield
Mansfield
Shreveport
Minden
Arcadia
Homer
Ruston
Monroe
West Monroe
Bayou
Farmerville
Bastrop
Rayville
Tallulah
Vicksburg
Port Gibson
Fayette
Meadville
Brookhaven
Monticello
Prentiss
Hattiesburg
Columbia
Purvis
New Augusta
Leakesville
Magnolia
Tylertown
Liberty
Kokomo
McComb
Meridian
Marksville
Alexandria
Pineville
Leesville
Hemphill
San Augustine
Jasper
Newton
De Ridder
Orange
Beaumont
Port Arthur
Sabine L.
Cameron
Johnson's Bayou
Creole
Grand Chenier
White Lake
Pecan Island
Abbeville
New Iberia
Lafayette
Crowley
Jennings
Opelousas
Eunice
Ville Platte
Oberlin
Kinder
Jena
Natchitoches
Center
Mansfield
Shreveport
Arcadia
Homer
Minden
Benton
Bossier City
Haynesville
Oakland
Jonesboro
Winnfield
Columbia
Winnsboro
Harrisonburg
Tallulah
Vicksburg
Mayersville
Rolling Fork
Hazlehurst
Mendenhall
Saratoga
Wesson
Smith's Ferry
Silvercreek
Piave
Chatom
Yellow Pine
Vineyard Bend
Black Cr.
Red Cr.
Pearl R.
Wolf R.
Biloxi R.
Jourdan R.
Chickasawhay R.
Leaf R.
Tallahala Cr.
Bowie
Lake Palourde
Berwick
Morgan City
Patterson
Amelia
Donner
Gibson
Raceland
Ellendale
Mathews
Cheaux
Lockport
Lafitte
Thibodaux
Chauvin
Houma
Bourg
Cut Off
Delta Farms
Pointe a la Hache
City Price
Potash
Homeplace
Empire
Buras
Triumph
Venice
Pilottown
Port Eads
Burrwood
Errol I.
Pt. La Fortuna
Pt Chicot
Elio
Lake Arthur
Grand Lake
White Lake
Vermilion Bay
Cote Blanche Bay
Marsh I.
Avery I.
Jefferson I.
Weeks I.
Belle Isle
Côte Blanche I.
Wax Lake Outlet
Atchafalaya R.
Bayou Lafourche
Bayou Terrebonne
Bayou Black
Bayou Boeuf
Bayou Cane
Bayou Des Allemands
Bayou Gauche
Bayou Lacombe
Bayou Liberty
Bayou Sara
Bayou Vidal
Bayou Goula
Bayou Grosse Tete
Bayou Manchac
Bayou Plaquemine
Bayou Sorrel
Bayou Teche
Bayou Tigre
Bayou Vermilion
Bayou Wikoff
Bayou Courtableau
Bayou Des Cannes
Bayou Des Glaises
Bayou Des Lacs
Bayou Des Mallets
Bayou Des Oies
Bayou Des Ouachita
Bayou Des Rapides
Bayou Des Rigolets
Bayou Des Rivières
Bayou Des Roseaux
Bayou Des Sables
Bayou Des Terres
Bayou Des Tombigbee
Bayou Des Trois
Bayou Des Vases
Bayou Des Vieux
Bayou Des Vignes
Bayou Des Voies
Bayou Des Voyageurs
Bayou Des Vues
Bayou Des Vues
Bayou Des Vues

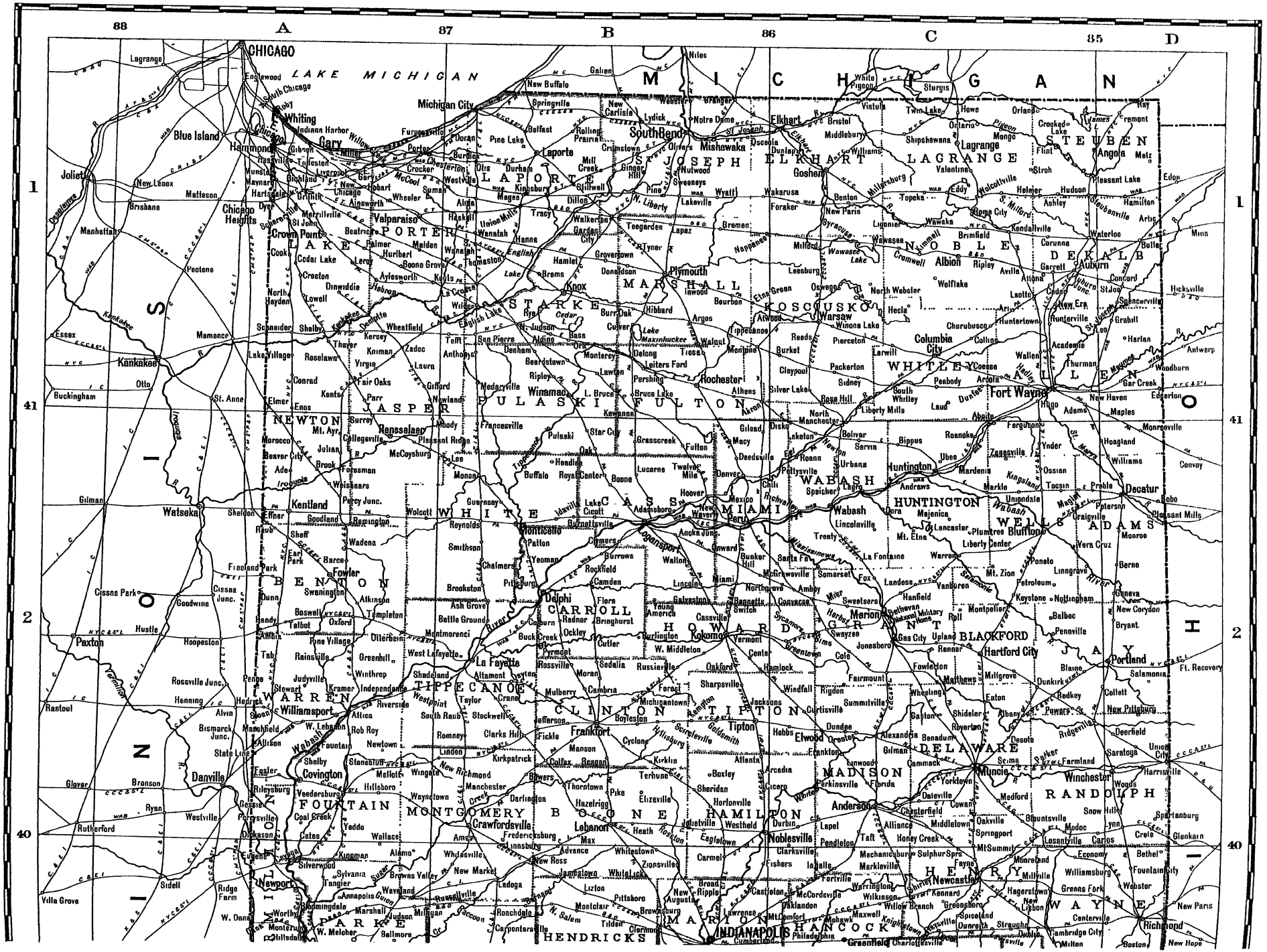

108
A
106
B
104
C
102
D
NEW MEXICO
Llano Estacado or Staked Plain
Plains of San Augustine
Elephant Butte Res
Rio Grande
Pecos
Canadian
Red
Brazos
Colorado
Concho
Nueces
Rio Grande
Guadalupe Peak 9500
Guadalupe Mts
Davis Mountains
Baldy Peak
Twin Mts
Comanche Mts
Santiago Mountains
Serranias del Burro
Sierra Mojada
Bolson de Mapimi
Cuatro Cienegas
Sierra Blanca
Wild Horse
Big Spring
Longitude West
Encyclopedia

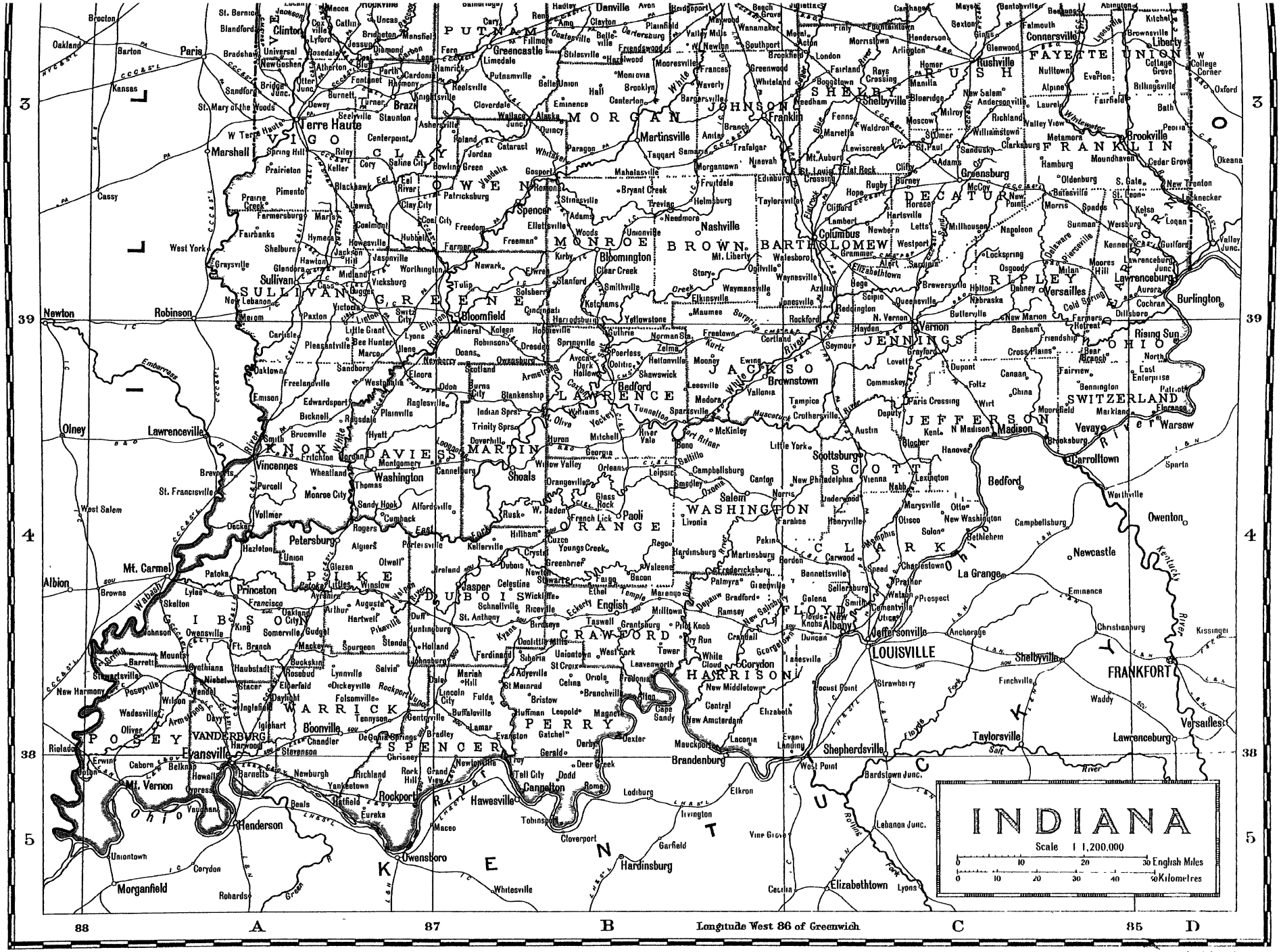


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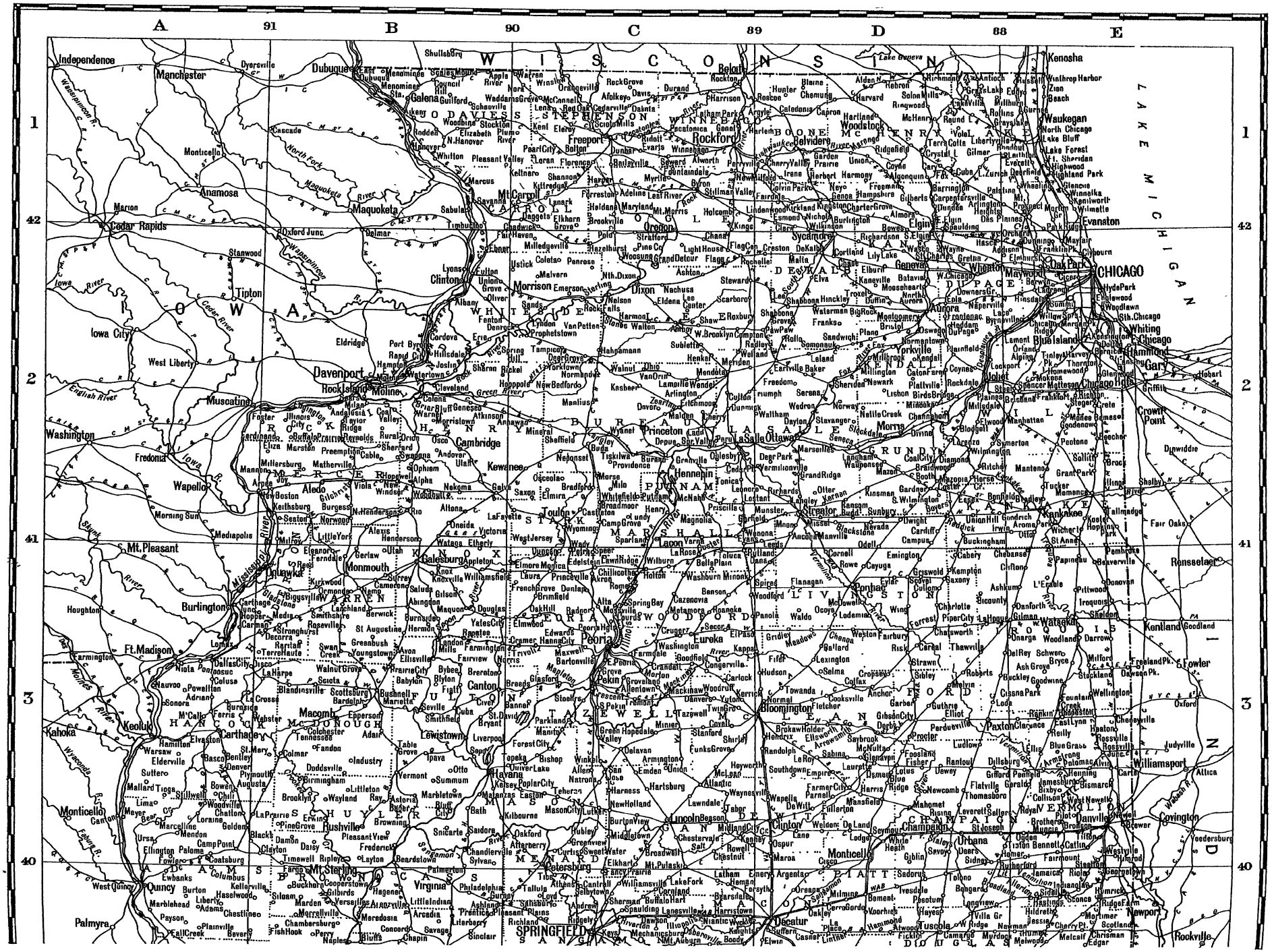

A
B
C
D
E
84
83
82
81
1
2
3
41
42
LANSING
Charlotte
Mason
Howell
Pontiac
Mt. Clemens
Sombra
St. Thomas
Port Stanley
Port Burwell
Port Rowan
Glencoe
Marshall
Jackson
Ann Arbor
DETROIT
Windsor
Chatham
Ridgetown
Blenheim
Erieau
Wallaceburg
Walpole I
Lake St. Clair
Rives Junc
Ypsilanti
Wyandotte
Comber
Merlin
Essex
Manchester
Hanover
Homer
Milan
Carletown
Amherstburg
Leamington
Sea Cliff Park
Hillsdale
Adrian
Monroe
Hudson
Middle Sister I
E. Sister I.
Pelee Pt
Pelee Island
Isle St. George
Middle Bass
Put-in-Bay
Kelleys I.
Catawba Island
Marblehead
Lakeside
Camp Perry
Port Clinton
Sandusky
Sandusky Bay
Vermilion
Lorain
CLEVELAND
E. Cleveland
Euclid
Chardon
Painesville
Ashtabula
Conneaut
Geneva on the Lake
Fairport Har.
Grand River
Toledo
Maumee Bay
North Cape
Cedar Pt.
Bowling Green
Napoleon
Defiance
Fremont
Norwalk
Elyria
Medina
Akron
Barberton
Ravenna
Kent
Cuyahoga Falls
Niles
Warren
Youngstown
E. Youngstown
Sharon
Findlay
Tiffin
Ottawa
Lima
Wapakoneta
Kenton
Marion
Upper Sandusky
Bucyrus
Mansfield
Ashland
Wooster
Orrville
Massillon
Canton
Alliance
Salem
Lisbon
E. Liverpool
Carrollton
Millersburg
Coshocton
Zanesville
Cambridge
New Philadelphia
Dover
New Cumberland
Wellsville
Steubenville
Cadiz
Bellefontaine
Sidney
Delaware
Marysville
Mt. Vernon
Mt. Gilead
Mt. Victory
Piqua
Troy
Greenville
Van Wert
Celina
Coldwater
Montezuma
Ft. Recovery
Wauseon
Archbold
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Evansport
Napoleon
Bowling Green
Fostoria
Bascom
Republic
Tiffin
Findlay
Ottawa
Pandora

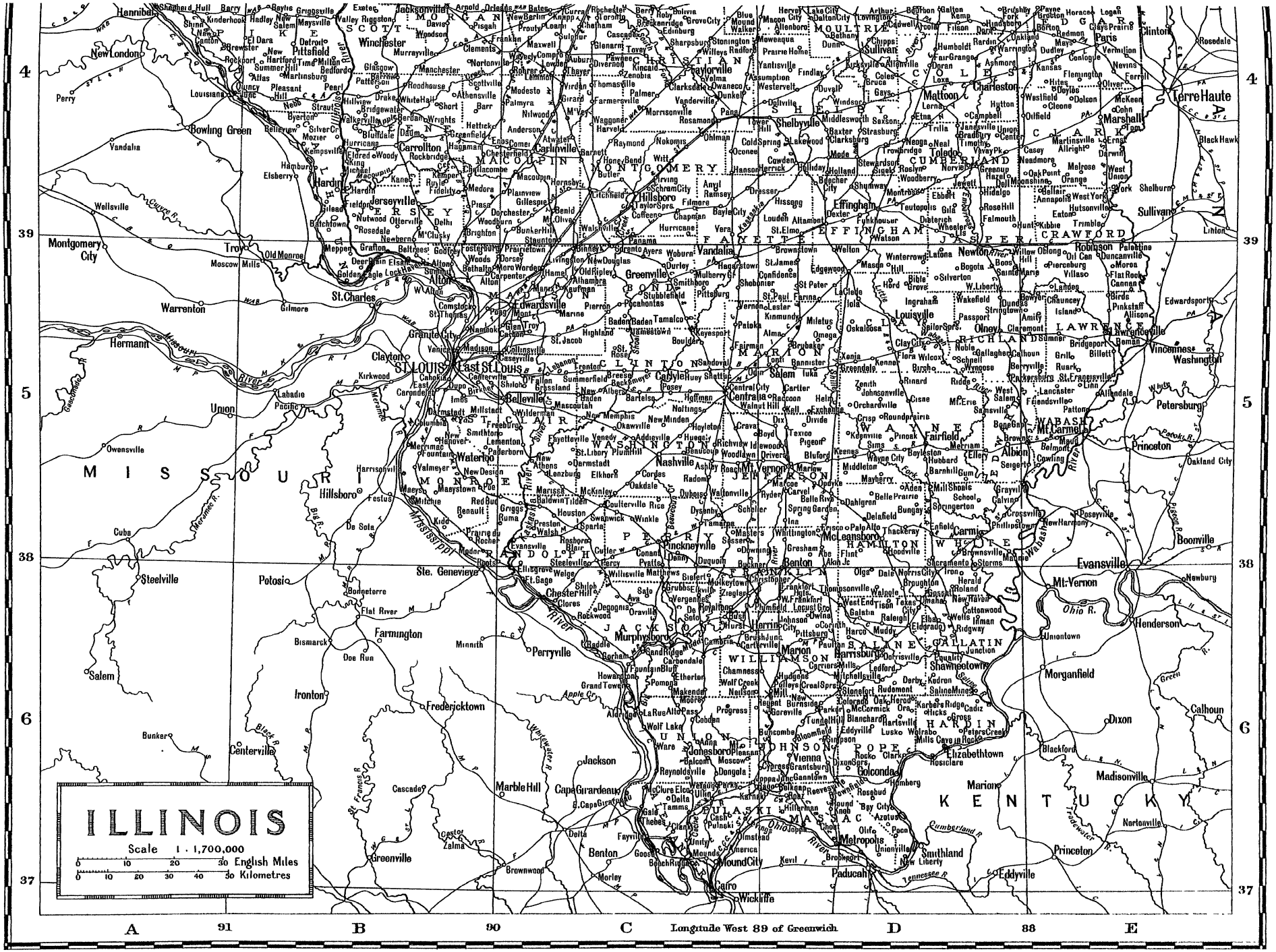

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D
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Springfield
Middletown
Hamilton
Lancaster
Chillicothe
Athens
Marietta
Parkersburg
Zanesville
Newark
Cambridge
Wheeling
Steubenville
Martins Ferry
Moundsville
New Martinsville
Middlebourne
Marietta
St. Marys
West Union
Ripley
Point Pleasant
Huntington
CHARLESTON
Ironton
Portsmouth
Maysville
Covington
Newport
Wilmington
Xenia
Troy
Piqua
Urbana
Circleville
Logan
McConnelsville
Caldwell
Woodsfield
Cambridge
Cadiz
Carrollton
Barnesville
Bellaire
Grantsville
Spencer
Gallipolis
Pomeroy
Middleport
Jackson
Wellston
Chillicothe
Hillsboro
Georgetown
Batavia
Williamsburg
Falmouth
Brooksville
Williamstown
Vanceburg
Greenup
Ashland
Catlettsburg
Grayson
Olive Hill
Carlisle
Paris
Cynthiana
Flemingsburg
Morehead
Owingsville
Mt. Sterling
Winchester
Lexington
Versailles
Nicholasville
Richmond
Irvine
Stanton
Campton
Beattyville
Jackson
Danville
Lancaster
Stanford
Ft. Estill
Salyersville
Paintsville
Prestonburg
Pikeville
Louisa
Wayne
Hamlin
Barboursville
Winfield
Clay
Summersville
Fayetteville
Madison
Logan
Williamson
Naugatuck
Wilsondale
Inez
Ameagle
Deepwater
Gauley Bridge
Sutton
Glenville
Orlando
Gassaway
Elizabeth
Owensport
Belleville
Letart Falls
Apple Grove
Ravenswood
Arbuckle
Raccoon Island
Eureka
Waterloo
Arabia
Wilgus
Saundersville
Crown City
Glenwood
Platform
Proctorville
Sheridan
Chesapeake
Getaway
Coalgrove
Ashland
Willow Wood
Hanging Rock
Greenup
Lawrence
Aid
Buena Vista
Friendship
Sciotoville
Wheelersburg
Campbell
Lincoln
Crawford
Supercor
Bartles
Lisman
Haverhill
Boston
Wakefield
Stockdale
Glade
Camba
Keystone
Porter
Vinton
Gleon
Cheshire
Evergreen
Bidwell
Thurman
Addison
Mills
Rempel
Oak Hill
Samsonville
Bloom Jone
Gallia
Eifort
Gallia
Sciotoville
Wheelersburg
Clifford
Lucasville
Minford
S. Webster
Scioto
Jackson
Sargents Beaver
Piketon
Givens
Jasper
Arkoe
Hatch
Pike
Duke
Locust Gro.
Camp
Rarden
Sedan
Peebles
Beaverpond
Youngs
Otway
Arion
Waverly
Idaho
Latham
Byington
Buchanan
Peck
Omega
Richmond Dale
Higby
Vigo
Ray
Byer
Richland
Hamden
Dundas
Albany
Shade
Downington
Carpenter
Tuppers Plains
Harrisonville
Reedsville
Chester
Rutland
Rockville
Langsville
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Chapmanse
Linn
Piketon
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Jackson

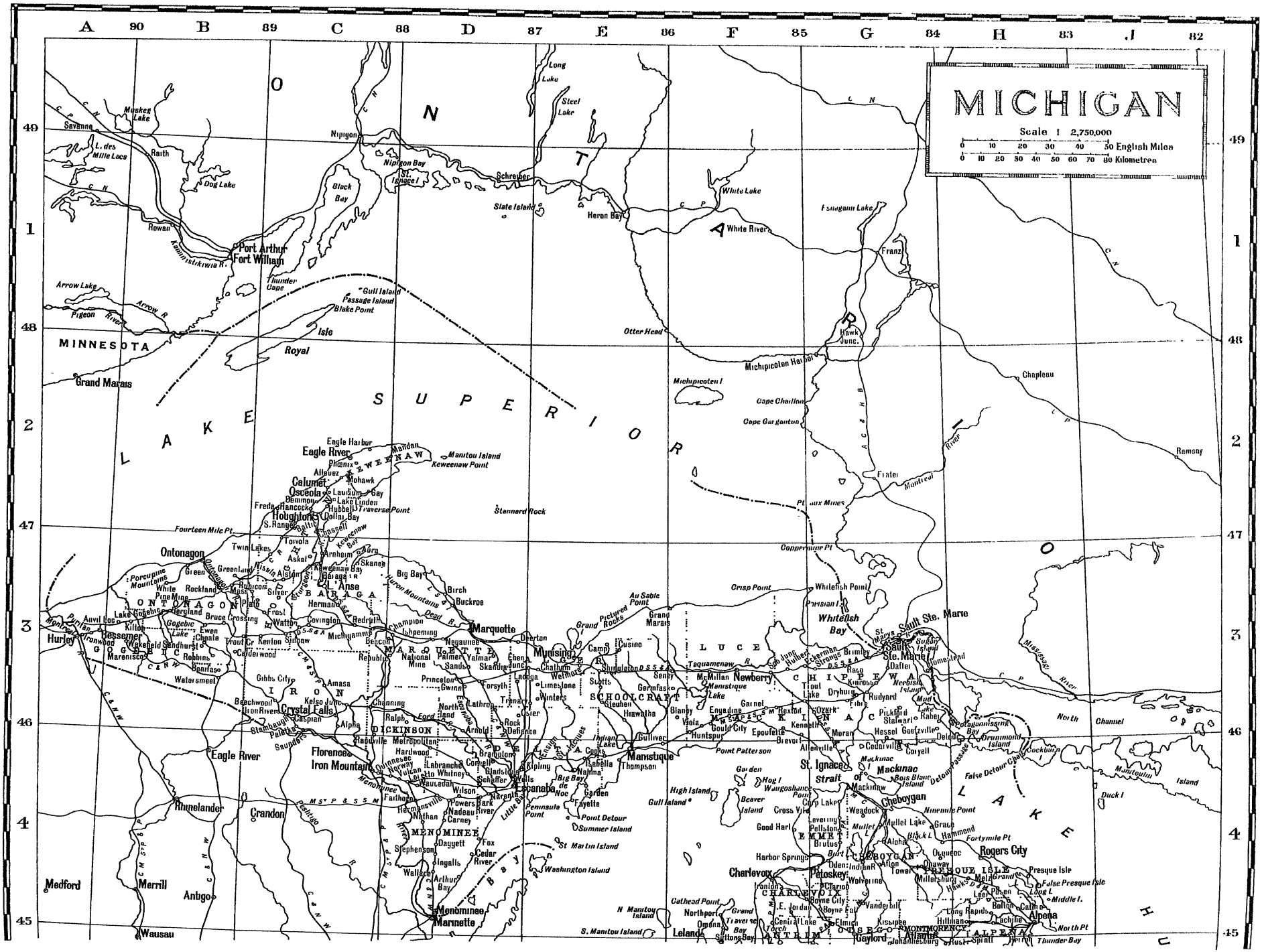

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Joliet
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Brisbane
Chicago Heights
Manhattan
Peotone
Essex
Momence
Kankakee
Otto
Buckingham
St. Anne
Iroquois
Watseka
Gilman
Sheldon
Paxton
Hoopeston
Rossville Junc.
Rantoul
Alvin
Bismarck Junc.
Allison
State Line
Glover
Bronson
Danville
Ryan
Westville
Rutherford
Dickason
Villa Grove
Sidell
Ridge Farm
Michigan City
Springville
New Buffalo
Galien
Niles
Webster
Granger
New Carlisle
Lydick
Notre Dame
Elkhart
Bristol
Vistula
Twin Lake
Howe
Orland
Ray
Furnessville
Belfast
Rolling Prairie
Crumstown
South Bend
Olivers
Mishawaka
Osceola
Dunlap
Shipshewana
Lagrange
Flint
Stroh
Angola
Metz
Pine Lake
Laporte
Mill Creek
Ginger Hill
Nutwood
Goshen
Valentine
Pleasant Lake
Edon
Crown Point
Beatrice
Cook
Cedar Lake
Lerov
Palmer
Hurlbert
Maiden
Boone Grove
Kouts
Valparaiso
Porter
Hobart
Chicago
Griffith
Dyer
St. John
Merrillville
Ainsworth
Wheeler
Suman
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Kingsbury
Dillon
Rillwell
Lakeville
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Wakarusa
Benton
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Hamilton
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Union Mills
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Walkerton
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N. Liberty
Teegarden
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Syracuse
Wawaka
Kendallville
Waterloo
Mina
Creston
Dinwiddie
Lowell
Hebron
La Crosse
Wilders
Ryn
Cedar
Burr Oak
Hibbard
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Plymouth
Marshall
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Bourbon
Etna Green
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Butler
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Schneider
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Athens
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Leesburg
Warsaw
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Gar Creek
Edgerton
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Monroeville
Fort Wayne
Abbite
Ferguson
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Radnor
Ockley
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Kokomo
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Oxford
Talbot
Handy
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Pine Village
Tab
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Greenhill
Winthrop
Judyville
Stewart
Kramer
Independence
Shadeland
Attica
Williamsport
Warren
Penge
Henning
Hedrick
Riverside
Westpoint
Taylor
Crane
Mulberry
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Forest
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Windfall
Rigdon
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Centerville
Richmond
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Howard
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Blackford
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Tippecanoe
Clinton
Tipton
Delaware
Madison
Henry
Wayne
Fountain
Montgomery
Boone
Hamilton
Marion
Hancock
Hendricks
Parke
Vermillion
Iroquois
Kankakee
Lake
Porter
Laporte
St. Joseph
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De Kalb
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Kosciusko
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Fulton
Jasper
Newton

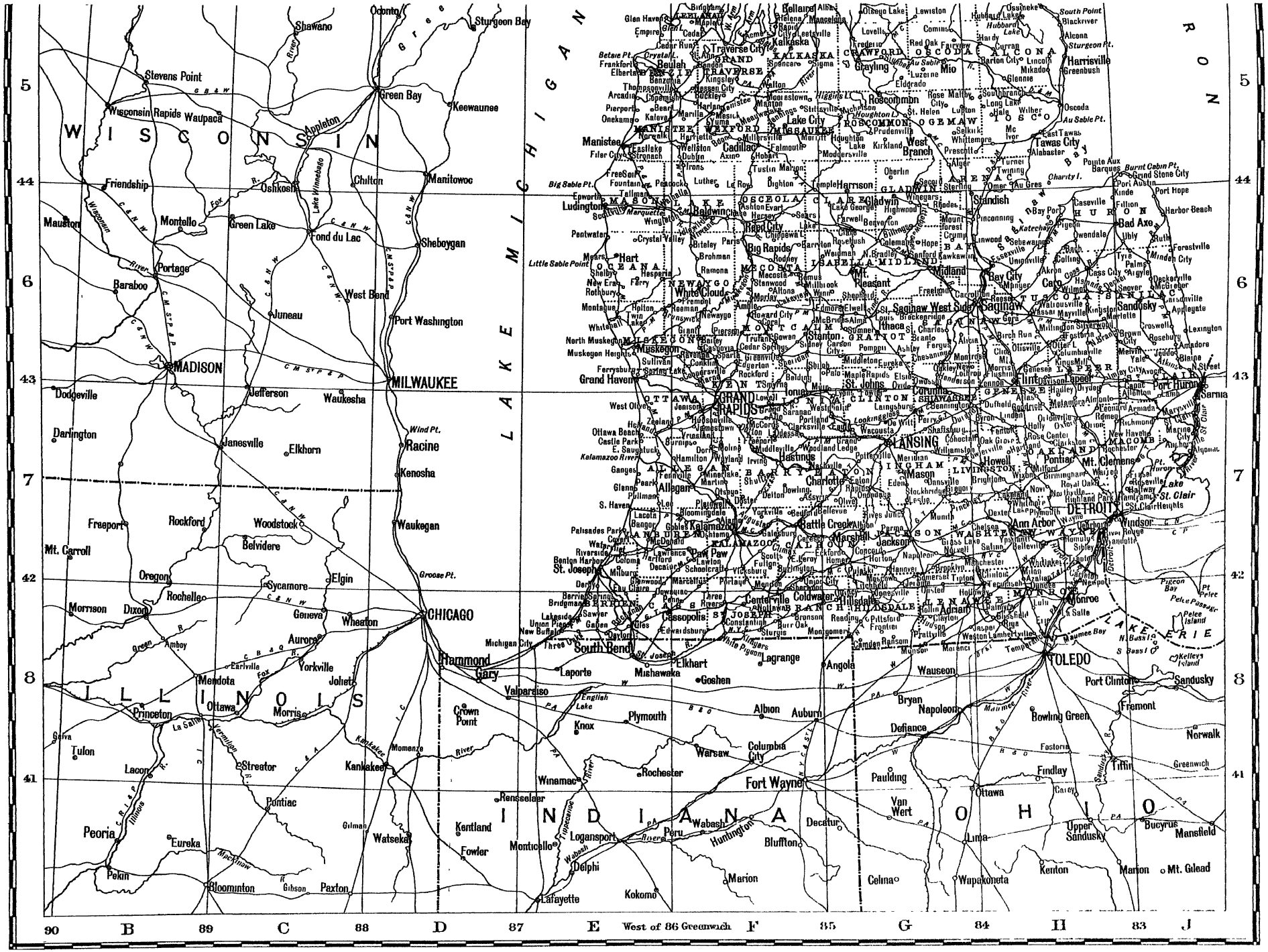


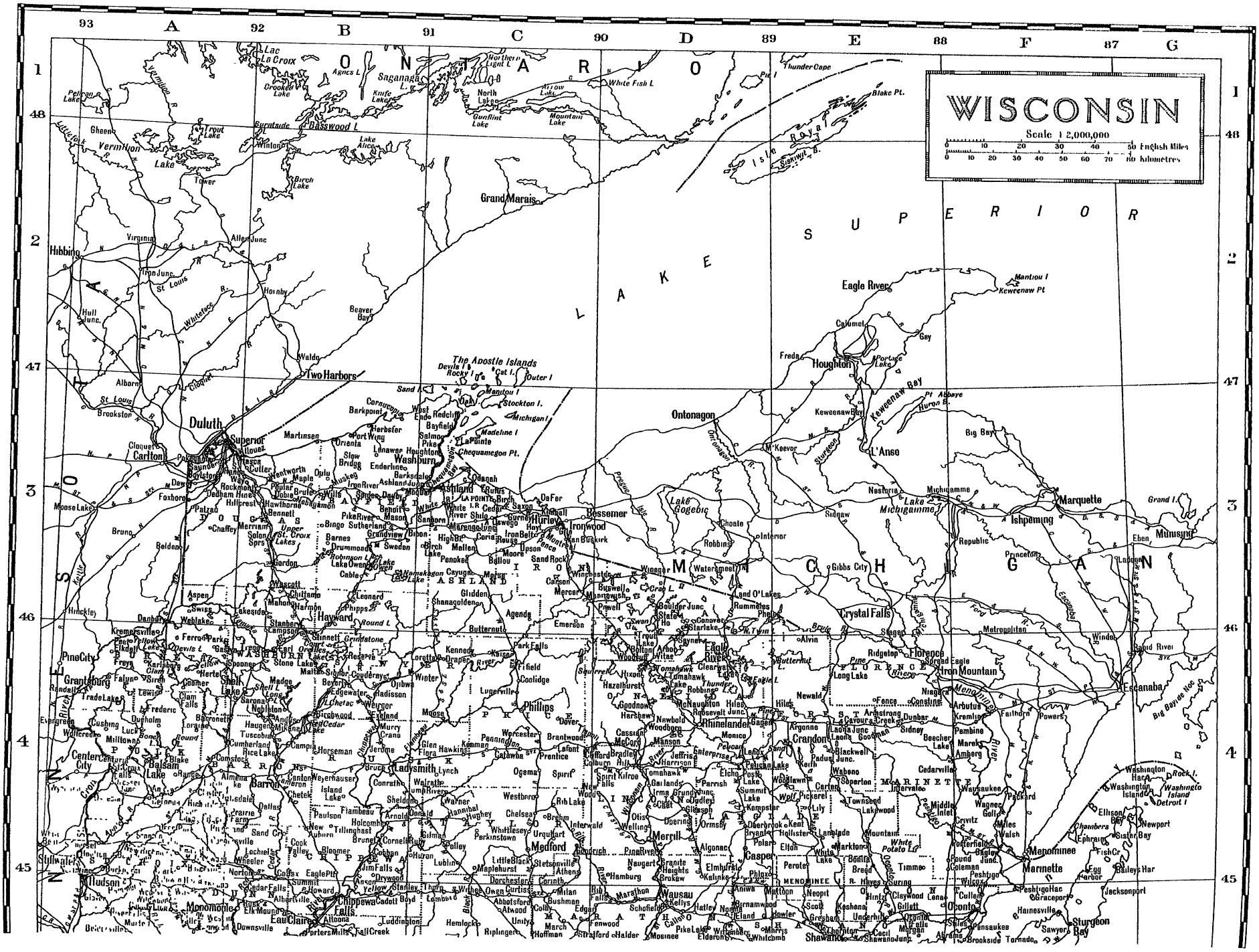
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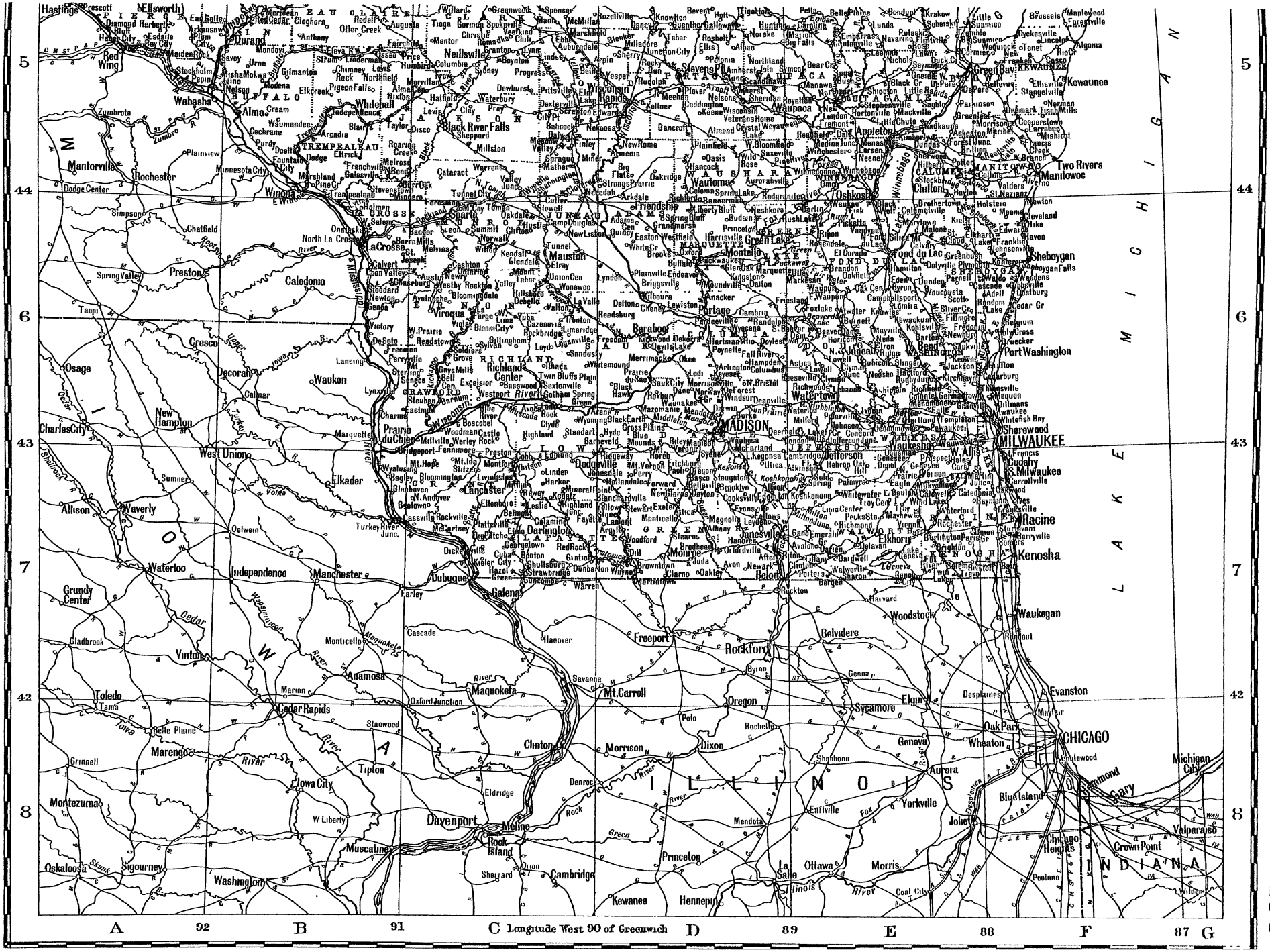

A
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88
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WISCONSIN
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ILLINOIS
Independence
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Dubuque
Galena
Kenosha
Waukegan
Rockford
Freeport
Belvidere
Woodstock
Elgin
Evanston
CHICAGO
Oak Park
Cicero
Aurora
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Sycamore
DeKalb
Oregon
Dixon
Morrison
Clinton
Cedar Rapids
Anamosa
Maquoketa
Monticello
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Iowa City
Davenport
Rock Island
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Washington
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Galesburg
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Iowa River
English River
Skunk River
Des Moines River
Mississippi River
Rock River
Green River
Illinois River
Kishwaukee River
Fox River
Du Page River
Sangamon River
Spoon River
Mackinaw River
Vermilion River
Embarras River
Wabash R.
Little Wabash R.
Kaskaskia R.
Big Muddy R.
Lake Geneva
Lake Forest
Highland Park
Winnetka
Wilmette
Kenilworth
Glencoe
Hubbard Woods
Winthrop Harbor
North Chicago
Lake Bluff
Zion
Beach
Libertyville
Round Lake
Grayslake
Antioch
Volo
Fox Lake
Wauconda
Barrington
Palatine
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Des Plaines
Park Ridge
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Harwood Heights
Elmhurst
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Hessville
Calumet City
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Glenwood
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Steger
Crete
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Peotone
Wilmington
Braidwood
Coal City
Diamond
Mazon
Gardner
Morris
Seneca
Marseilles
Ottawa
LaSalle
Peru
Oglesby
Utica
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Buffalo Rock
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Norridge
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Schaumburg
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Mt. Carroll
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Des Moines River
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Little Wabash R.
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Big Muddy R.
Lake Geneva
Lake Forest
Highland Park
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Wilmette
Kenilworth
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Fox Lake
Wauconda

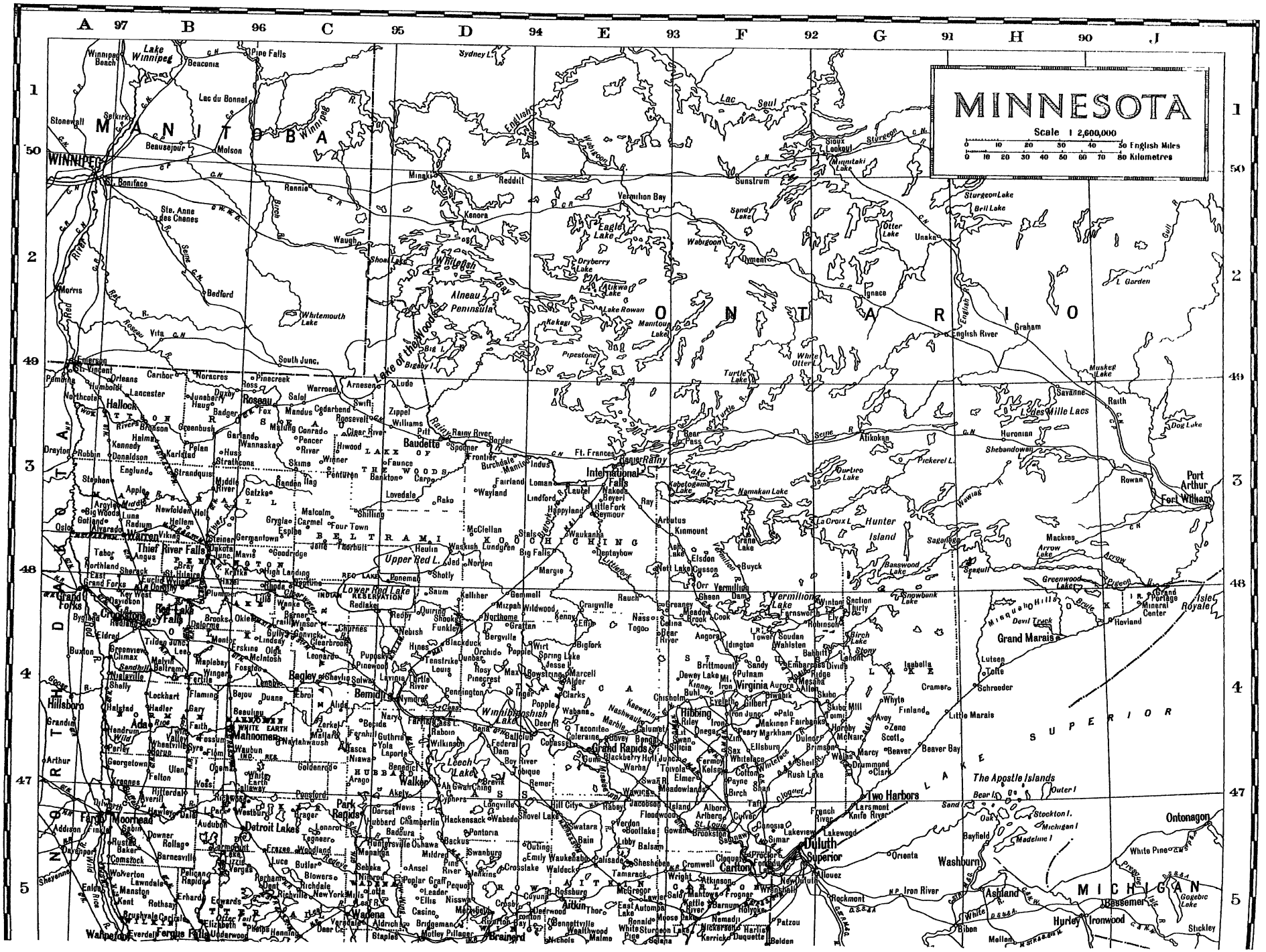

ILLINOIS
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0 10 20 30 40 50 Kilometres
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MISSOURI
KENTUCKY
Hannibal
New London
Bowling Green
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Perry
Winchester
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Carrollton
Jerseyville
Hardin
Montgomery City
Troy
Wellsville
Warrenton
St.Charles
Hermann
Union
Owensville
Steelville
Cubs
Potosi
Hillsboro
Festus
Ste. Genevieve
Chester
Flat River
Farmington
Bismarck
Doe Run
Salem
Ironton
Centerville
Bunker
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Cascade
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Cape Girardeau
Jackson
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Greenville
Brownwood
Morley
Wickliffe
Cairo
Mound City
Metropolis
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Elizabethtown
Rosiclare
Harrisburg
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Meramec R.
Goodhope R.
Black R.
Whitewater R.
Apple Cr.
Big Bay
Cumberland R.
Tennessee R.
Green R.
Little Wabash R.
Embarras R.
Little Muddy R.
Big Creek
Bonpas Cr.
Skillet Fork
Little Wabash
Big Bay
Lake Creek
Big Creek
Bonpas Cr.
Skillet Fork
Little Wabash
Embarras R.
Little Muddy R.

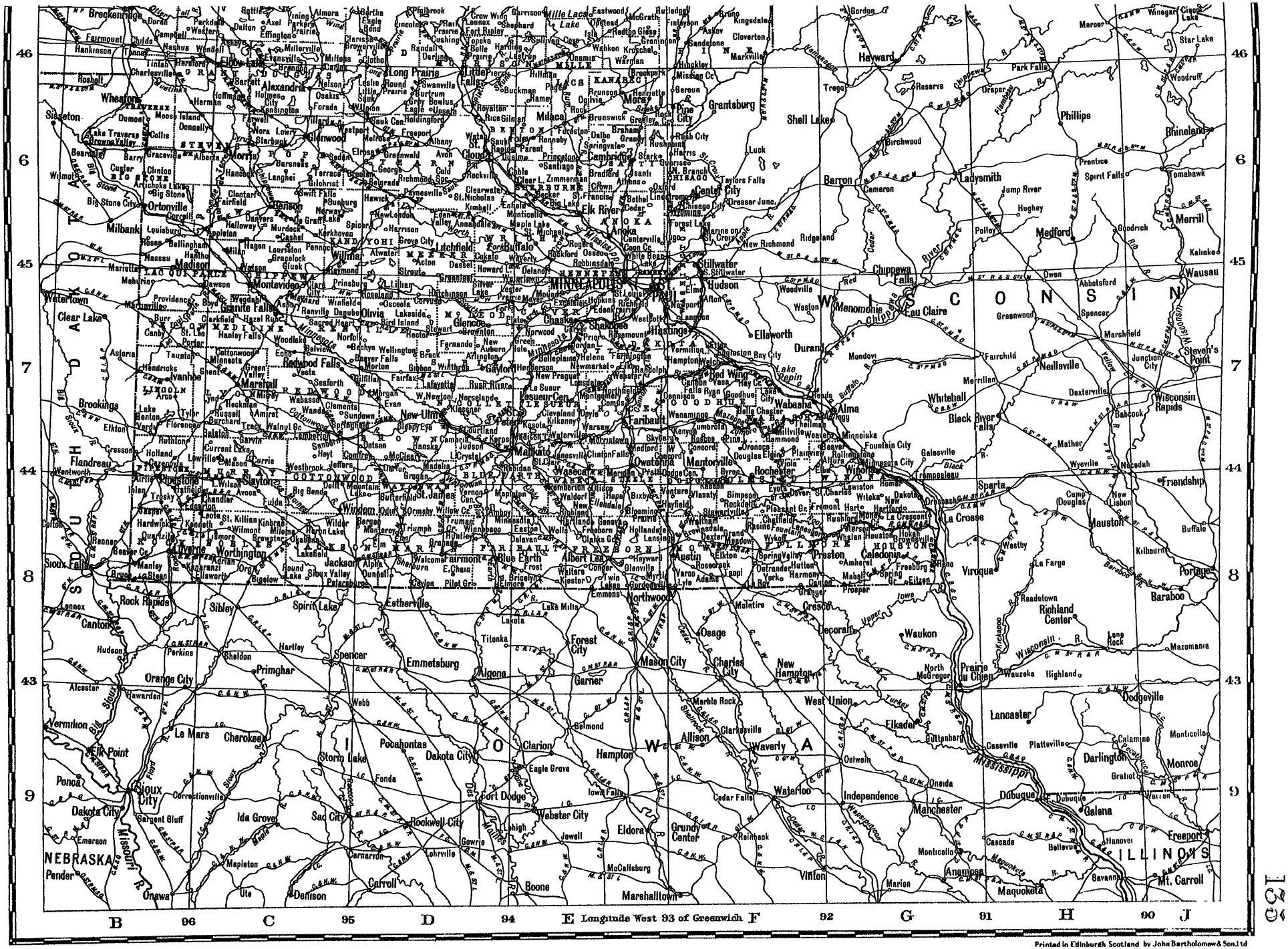

MICHIGAN
Scale 1 2,750,000
0 10 20 30 40 50 English Miles
0 10 20 30 40 50 60 70 80 Kilometres
A 90 B 89 C 88 D 87 E 86 F 85 G 84 H 83 J 82
49 48 47 46 45
1 2 3 4
ONTARIO
LAKE SUPERIOR
LAKE HURON
MINNESOTA
Grand Marais
Port Arthur
Fort William
Thunder Cape
Nipigon
Schreiber
Heron Bay
White River
Franz
Chapleau
Ramsay
Michipicoten Harbor
Otter Head
Gull Island
Passage Island
Blake Point
Isle Royal
Eagle River
Eagle Harbor
Manitou Island
Keweenaw Point
Calumet
Osceola
Houghton
Hancock
Dollar Bay
Traverse Point
Stannard Rock
Fourteen Mile Pt
Ontonagon
Twin Lakes
Toivola
Arnheim
Askel
Skanee
Big Bay
Birch
Buckroe
Marquette
Negaunee
Deerton
Munising
Au Sable Point
Grand Marais
Pictured Rocks
Crisp Point
Whitefish Point
Whitefish Bay
Sault Ste. Marie
Coppermine Pt
Pt aux Mines
Michipicoten I
Cape Chariton
Cape Gargantua
Hurley
Bessemer
Wakefield
Ironwood
Gogebic
Watersmeet
Gibbs City
Iron River
Crystal Falls
Amasa
Kelso Junc
Channing
Florence
Iron Mountain
Eagle River
Quinnesec
Norway
Vulcan
Metropolitan
Hardwood
Ralph
Alpha
Caspian
Beechwood
Stambaugh
Palatka
Saunders
Crivitz
Rhinelander
Crandon
Medford
Merrill
Antigo
Wausau
Menominee
Marinette
Escanaba
Gladstone
Powers
Nadeau
Carney
Daggett
Stephenson
Wallace
Arthur Bay
Fox
Cedar River
Peninsula Point
Point Detour
Summer Island
St Martin Island
Washington Island
Big Bay de Noc
Fayette
Garden
Manistique
Thompson
Rapid River
Indian Lake
Cooks
Rapid
Gulliver
Germfask
Seney
Blaney
Engadine
Epoufette
Point Patterson
Brevort
Moran
Hessel
Goetzville
Detour
Drummond Island
Cockburn I
Manitoulin Island
Duck I
North Channel
Garden
Hog I
Waugoshance Point
High Island
Gull Island
Beaver Island
Cross Vil
Cheboygan
Nimenihe Point
Mullet Lake
Grace
Hammond
Fortymile Pt
Rogers City
Presque Isle
False Presque Isle
Long L
Middle I.
Harbor Springs
Petoskey
Charlevoix
Boyne City
Boyne Falls
Elmira
Alpena
North Pt
Thunder Bay
Cathead Point
N Manitou Island
S. Manitou Island
Northport
Omena
Leland
Suttons Bay
Traverse Bay
Grand Traverse
Central Lake
Kissimee
Gaylord
Atlanta
Johannesburg
Lewiston
Atlanta
Hillman
Long Rapids
Lachine
Posen
Millersburg
Onaway
Indian River
Afton
Wolverine
Vanderbilt
Oden
Alanson
Carp Lake
Levering
Pellston
Brutus
Mackinaw
Mackinac Island
Bois Blanc Island
Detour Passage
False Detour Chan
Strait of Mackinac
St. Ignace
Moran
Hessel
Goetzville
Raber
Pickford
Stalwart
Kinross
Rudyard
Dryburg
Trout Lake
Newberry
McMillan
Manistique Lake
Tahquamenon R
Soo Junction
Strongs
Brimley
Bay Mills
Raco
Daffer
Sugar Island
Neebish Island
Mud Lake
Fibre
Garnet
Rexton
Kennth
Oxmr
Gould City
Huntspur
Allenville
Corvell
Deford
Potagannissing Bay
Chippewa
Luce
Schoolcraft
Dickinson
Menominee
Delta
Marquette
Alger
Baraga
Houghton
Keweenaw
Gogebic
Ontonagon
Iron
Chippewa
Mackinac
Emmet
Cheboygan
Presque Isle
Charlevoix
Antrim
Otsego
Montmorency
Alpena
Lake Superior
Lake Michigan
Lake Huron
Menominee Bay
Green Bay
Keweenaw Bay
Huron Mountains
Porcupine Mountains
Menominee River
Escanaba River
Little Bay de Noc
Peshtigo River
Manistique River
Tahquamenon River
Mississippi River
Ottawa River
Montreal River
Arrow Lake
Arrow R
Pigeon River
Kaministikwia R
Nipigon Bay
Block Bay
Dog Lake
Rowan
Raith
Savanne
Muskeg Lake
L. des Mille Lacs
Long Lake
Steel Lake
Slate Island
White Lake
Pashagama Lake
Franz
Michipicoten I
Cape Chariton
Cape Gargantua
Ramsay
Fraser
Pt aux Mines
Coppermine Pt
Whitefish Point
Parisian I
Sault Ste. Marie
St Marys River
Sugar Island
Neebish Island
Mud Lake
Fibre
Garnet
Rexton
Kennth
Oxmr
Gould City
Huntspur
Allenville
Corvell
Deford
Potagannissing Bay
Drummond Island
Cockburn I
Manitoulin Island
Duck I
North Channel
Garden
Hog I
Waugoshance Point
High Island
Gull Island
Beaver Island
Cross Vil
Cheboygan
Nimenihe Point
Mullet Lake
Grace
Hammond
Fortymile Pt
Rogers City
Presque Isle
False Presque Isle
Long L
Middle I.
Harbor Springs
Petoskey
Charlevoix
Boyne City
Boyne Falls
Elmira
Alpena
North Pt
Thunder Bay
Cathead Point
N Manitou Island
S. Manitou Island
Northport
Omena
Leland
Suttons Bay
Traverse Bay
Grand Traverse
Central Lake
Kissimee
Gaylord
Atlanta
Johannesburg
Lewiston
Atlanta
Hillman
Long Rapids
Lachine
Posen
Millersburg
Onaway
Indian River
Afton
Wolverine
Vanderbilt
Oden
Alanson
Carp Lake
Levering
Pellston
Brutus
Mackinaw
Mackinac Island
Bois Blanc Island
Detour Passage
False Detour Chan
Strait of Mackinac
St. Ignace
Moran
Hessel
Goetzville
Raber
Pickford
Stalwart
Kinross
Rudyard
Dryburg
Trout Lake
Newberry
McMillan
Manistique Lake
Tahquamenon R
Soo Junction
Strongs
Brimley
Bay Mills
Raco
Daffer
Sugar Island
Neebish Island
Mud Lake
Fibre
Garnet
Rexton
Kennth
Oxmr
Gould City
Huntspur
Allenville
Corvell
Deford
Potagannissing Bay
Drummond Island
Cockburn I
Manitoulin Island
Duck I
North Channel


WISCONSIN
MICHIGAN
LAKE
ILLINOIS
INDIANA
OHIO
LAKE ERIE
Sturgeon Bay
Stevens Point
Green Bay
Keewaunee
Wisconsin Rapids
Waupaca
Appleton
Manitowoc
Friendship
Oshkosh
Chilton
Mauston
Montello
Green Lake
Fond du Lac
Sheboygan
Portage
Baraboo
West Bend
Juneau
Port Washington
MADISON
MILWAUKEE
Dodgeville
Jefferson
Waukesha
Darlington
Janesville
Elkhorn
Racine
Kenosha
Freeport
Rockford
Woodstock
Waukegan
Mt. Carroll
Belvidere
Oregon
Sycamore
Elgin
Rochelle
Morrison
Dixon
Geneva
Wheaton
CHICAGO
Aurora
Yorkville
Mendota
Joliet
Ottawa
Morris
Princeton
Tulon
Lacon
Streator
Kankakee
Pontiac
Peoria
Eureka
Pekin
Bloomington
Paxton
Gilman
Watseka
Kentland
Fowler
Rensselaer
Crown Point
Hammond
Gary
Michigan City
South Bend
Laporte
Valparaiso
Mishawaka
Elkhart
Goshen
Lagrange
Angola
Wauseon
TOLEDO
Port Clinton
Sandusky
Fremont
Bowling Green
Norwalk
Tiffin
Findlay
Fostoria
Greenwich
Napoleon
Bryan
Defiance
Paulding
Van Wert
Ottawa
Lima
Bucyrus
Mansfield
Upper Sandusky
Kenton
Marion
Mt. Gilead
Wapakoneta
Celina
Bluffton
Decatur
Huntington
Wabash
Peru
Logansport
Monticello
Delphi
Lafayette
Kokomo
Marion
Warsaw
Columbia City
Fort Wayne
Winamac
Rochester
Plymouth
Knox
Albion
Auburn
Momence
Kankakee
Michigan
Huron
Erie
Ontario
Saginaw
Bay City
Midland
Flint
Port Huron
Sarnia
Detroit
Windsor
Pontiac
Mt. Clemens
Lansing
Grand Rapids
Muskegon
Grand Haven
Holland
Kalamazoo
Battle Creek
Jackson
Ann Arbor
Howell
Owosso
Ithaca
Alma
Mt. Pleasant
Cadillac
Traverse City
Petoskey
Harbor Beach
Bad Axe
Caro
Sandusky
Marlette
Croswell
Lexington
Algonac
Marysville
St. Clair
Roscommon
West Branch
Standish
Tawas City
Oscoda
Alpena
Harrisville
Manistee
Ludington
Big Rapids
White Cloud
Newaygo
Hart
Shelby
Hesperia
Scottville
Baldwin
Reed City
Evart
Clare
Gladwin
Harrison
Prudenville
Houghton Lake
Roscommon
Grayling
Mio
Au Sable Pt.
Big Sable Pt.
Little Sable Point
Marquette
Charity I.
Burnt Cabin Pt.
Grand Stone City
Port Austin
Port Hope
Kinde
Caseville
Pigeon
Owendale
Ubly
Ruth
Forestville
Minden City
Palms
Argyle
Deckerville
Snover
Croswell
Applegate
Yale
Jeddo
Amadore
Blaine
Marine City
Algonac
Armada
Romeo
Richmond
New Haven
Mt. Clemens
Utica
Rochester
Macomb
Roseville
Lake St. Clair
St. Clair Heights
Grosse Pointe
Harper Woods
Detroit
Dearborn
Ecorse
Wyandotte
River Rouge
Monroe
Pt. Pelee
Pelee Passage
Pelee Island
Kelleys Island
Maumee Bay
Maumee River
Put-in-Bay
North Bass I.
South Bass I.
Lake Erie
Lake St. Clair
Detroit River
St. Clair River
Lake Huron
Saginaw Bay
Thumb
Tawas Bay
Au Sable Pt.
Sturgeon Pt.
Harbor Beach
Pointe Aux Barques
Port Austin
Grand Stone City
Burnt Cabin Pt.
Charity I.
Au Gres
Omer
Standish
Bay Port
Pinconning
Essexville
Bay City
Saginaw
Saginaw West Side
Carrollton
Reese
Tuscola
Millington
Vassar
Kingston
Sandusky
Applegate
Croswell
Lexington
Algonac
Marysville
St. Clair
Port Huron
Sarnia
Lake Huron
Lake St. Clair
Detroit River
St. Clair River
Lake Erie
Lake Michigan
Lake Winnebago
Fox River
Wisconsin River
Rock River
Illinois River
Kankakee River
Des Plaines River
Calumet River
Grand River
Kalamazoo River
Maumee River
Sandusky River
Huron River
Raisin River
Au Sable River
Saginaw River
Tittabawassee River
Flint River
Shiawassee River
Grand River
Muskegon River
Manistee River
Pere Marquette River
Big Sable Point
Little Sable Point
Marquette
Charity I.
Burnt Cabin Pt.
Grand Stone City
Port Austin
Port Hope
Kinde
Caseville
Pigeon
Owendale
Ubly
Ruth
Forestville
Minden City
Palms
Argyle
Deckerville
Snover
Croswell
Applegate
Yale
Jeddo
Amadore
Blaine
Marine City
Algonac
Armada
Romeo
Richmond
New Haven
Mt. Clemens
Utica
Rochester
Macomb
Roseville
Lake St. Clair
St. Clair Heights
Grosse Pointe
Harper Woods
Detroit
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Wyandotte
River Rouge
Monroe
Pt. Pelee
Pelee Passage
Pelee Island
Kelleys Island
Maumee Bay
Maumee River
Put-in-Bay
North Bass I.
South Bass I.
Lake Erie
Lake St. Clair
Detroit River
St. Clair River
Lake Huron
Saginaw Bay
Thumb
Tawas Bay
Au Sable Pt.
Sturgeon Pt.
Harbor Beach
Pointe Aux Barques
Port Austin
Grand Stone City
Burnt Cabin Pt.
Charity I.
Au Gres
Omer
Standish
Bay Port
Pinconning
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Saginaw
Saginaw West Side
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Tuscola
Millington
Vassar
Kingston
Sandusky
Applegate
Croswell
Lexington
Algonac
Marysville
St. Clair
Port Huron
Sarnia
Lake Huron
Lake St. Clair
Detroit River
St. Clair River
Lake Erie
Lake Michigan
Lake Winnebago
Fox River
Wisconsin River
Rock River
Illinois River
Kankakee River
Des Plaines River
Calumet River
Grand River
Kalamazoo River
Maumee River
Sandusky River
Huron River
Raisin River
Au Sable River
Saginaw River
Tittabawassee River
Flint River
Shiawassee River
Grand River
Muskegon River
Manistee River
Pere Marquette River
5
44
6
43
7
42
8
41
90
B
89
C
88
D
87
E
West of 86 Greenwich
F
85
G
84
H
83
J

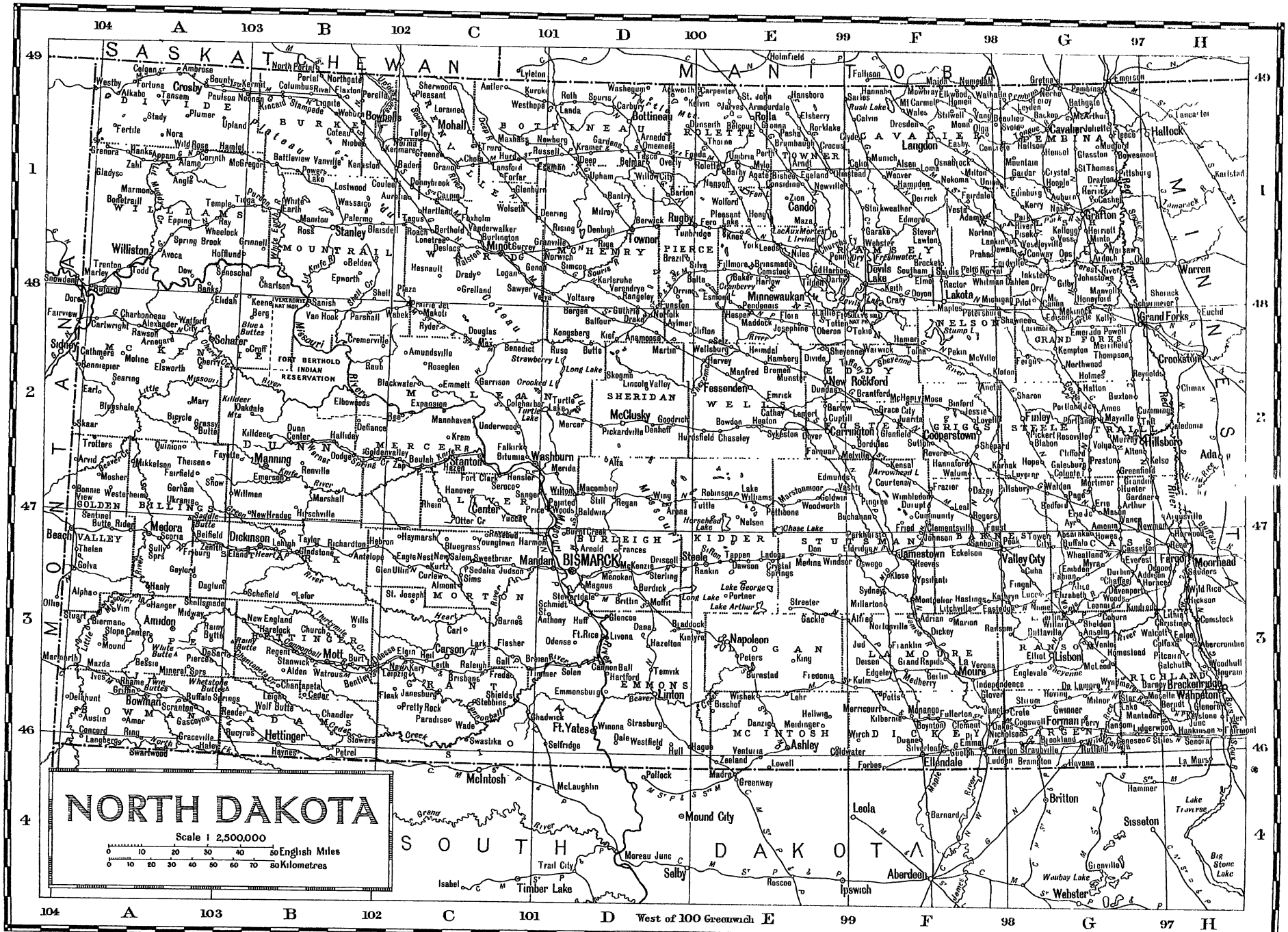

WISCONSIN
Scale 1:2,000,000
0 10 20 30 40 50 English Miles
0 10 20 30 40 50 60 70 80 kilometres
ONTARIO
MICHIGAN
LAKE SUPERIOR
MINNESOTA
Duluth
Superior
Two Harbors
Grand Marais
Eagle River
Houghton
Ontonagon
L'Anse
Marquette
Ishpeming
Negaunee
Crystal Falls
Iron Mountain
Escanaba
Menominee
Marinette
Oconto
Sturgeon Bay
Green Bay
Appleton
Oshkosh
Fond du Lac
Manitowoc
Sheboygan
Milwaukee
Racine
Kenosha
Wausau
Merrill
Rhinelander
Medford
Ladysmith
Hayward
Ashland
Washburn
Bessemer
Ironwood
Hurley
Phillips
Park Falls
Tomahawk
Crandon
Florence
Marinette
Peshtigo
Oconto
Chippewa Falls
Eau Claire
Menomonie
Hudson
New Richmond
River Falls
Stillwater
Superior
Lake Superior
Lake Michigamme
Lake Gogebic
Keweenaw Bay
Keweenaw Pt
Huron B.
Big Bay
Grand I.
Mantrou I
Thunder Cape
Pic I
Blake Pt.
Isle Royale
Michipicoten I
White Fish L
Yellow Luk
Northern Light L
Saganaga L.
Lac La Croix
Agnes L
Knife Lake
Gunflint Lake
Mountain Lake
North Lake
Crooked Lake
Pelican Lake
Vermilion R
Vermilion Lake
Gheen
Trout Lake
Burntside
Basswood L
Winton
Lake Alice
Tower
Birch Lake
Virginia
Allen Junc
Hibbing
Iron Junc.
St Louis
Hornby
Hull Junc.
Whiteface
Beaver Bay
Waldo
Alborn
Cloquet
Carlton
Brookston
St Louis R
Moose Lake
Foxboro
Dewey
Patzau
Bruno
Belden
Chaffey
Solon Sprs
Upper St. Croix Lakes
Lake Owen
Boyd
Danbury
Hinckley
Aspen
Swiss
Lakeside
Weblake
Stanberry
Hayward
Round L
Ginnett
Grindstone
Lake Chetac
Lake Chippewa
Lake Holcombe
Lake Wissota
Lake Eau Claire
Lake Pepin
Mississippi R
St Croix R
Namekagon R
Chippewa R
Flambeau R
Yellow R
Black R
Wisconsin R
Menominee R
Peshtigo R
Oconto R
Fox R
Pecatonica R
Rock R
Milwaukee R
Sheboygan R
Manitowoc R
Escanaba R
Whitefish Bay
Washington Harbor
Washington Island
Rock I.
Detroit I
Big Bay de Noc
Ellison Bay
Chambers I
Newport
Sister Bay
Fish Cr
Egg Harbor
Bailey's Har
Jacksonport
Sawyer
Tornado
Brookside
Shawano
Shawano Junc.
Green Bay
Appleton
Oshkosh
Fond du Lac
Manitowoc
Sheboygan
Milwaukee
Racine
Kenosha
Wausau
Merrill
Rhinelander
Medford
Ladysmith
Hayward
Ashland
Washburn
Bessemer
Ironwood
Hurley
Phillips
Park Falls
Tomahawk
Crandon
Florence
Marinette
Peshtigo
Oconto
Chippewa Falls
Eau Claire
Menomonie
Hudson
New Richmond
River Falls
Stillwater
Superior


Hastings
Prescott
Ellsworth
Red Wing
Durand
Wabasha
Alma
Mantorville
Rochester
Dodge Center
Winona
Simpson
Chatfield
Spring Valley
Preston
Caledonia
La Crosse
North La Crosse
Sparta
Tomah
Black River Falls
Trempealeau
Whitehall
Independence
Arcadia
Galesville
Osseo
Neillsville
Stevens Pt
Wisconsin Rapids
Waupaca
Appleton
Green Bay
Kewaunee
Two Rivers
Manitowoc
Sheboygan
Port Washington
Milwaukee
Shorewood
Cudahy
S. Milwaukee
Racine
Kenosha
Waukegan
Chicago
Evanston
Oak Park
Cicero
Gary
Hammond
Michigan City
Valparaiso
Crown Point
Chicago Heights
Blue Island
Joliet
Aurora
Elgin
Sycamore
DeKalb
Dixon
Rockford
Freeport
Belvidere
Woodstock
Harvard
Rockton
Beloit
Janesville
Madison
Watertown
Oconomowoc
Fond du Lac
Oshkosh
Chilton
Manitowoc
Green Lake
Montello
Portage
Baraboo
Wisconsin Dells
Reedsburg
Lone Rock
Richland Center
Viroqua
Westby
Prairie du Chien
Dubuque
Galena
Elkader
Waterloo
Manchester
Independence
Decorah
Waukon
Cresco
Osage
New Hampton
Charles City
West Union
Waverly
Allison
Grundy Center
Gladbrook
Vinton
Toledo
Tama
Marengo
Montezuma
Oskaloosa
Sigourney
Washington
Iowa City
Cedar Rapids
Anamosa
Maquoketa
Monticello
Cascade
Farley
Manchester
Oelwein
Sumner
Calmar
Lansing
Postville
Harmony
Turkey River Junc.
Elkader
Clinton
Muscatine
Davenport
Rock Island
Moline
Princeton
Cambridge
Kewanee
Henry
La Salle
Ottawa
Morris
Yorkville
Plano
Sandwich
Mendota
Shabbona
Rochelle
Polo
Oregon
Mt. Carroll
Savanna
Lake Geneva
Elkhorn
Whitewater
Fort Atkinson
Watertown
Juneau
Beaver Dam
Horicon
Fond du Lac
Ripon
Berlin
Princeton
Green Lake
Montello
Portage
Wisconsin Dells
Baraboo


MINNESOTA
Scale 1 2,600,000
0 10 20 30 40 50 English Miles
0 10 20 30 40 50 60 70 80 Kilometres
A 97 B 96 C 95 D 94 E 93 F 92 G 91 H 90 J
1 50 1 2 49 2 3 48 3 4 47 4 5
MANITOBA
ONTARIO
NORTH DAKOTA
MICHIGAN
SUPERIOR LAKE
WINNIPEG
Lake Winnipeg
Lake of the Woods
Red River
Winnipeg R.
Rainy River
Rainy Lake
Lake of the Woods
Whitefish Bay
Aleau Peninsula
Lake Rowan
Manitou Lake
Kakagi L.
Pipestone L.
Dryberry Lake
Eagle Lake
Shoal Lake
Whitemouth Lake
Bigsby I.
Sydney L.
Lac Seul
English R.
Wabigoon
Sandy Lake
Otter Lake
Sturgeon Lake
Bell Lake
Minnitaki Lake
Vermilion Bay
Kenora
Sunstrum
Unaka
Dyment
Ignace
Atikwa Lake
Turtle Lake
White Otter L.
Namakan Lake
Kabetogama Lake
Crane Lake
Sand Point L.
Pickerel L.
La Croix L.
Hunter Island
Sagamok
Shebandowan
Atikokan
Savanne
Raith
Lac des Mille Lacs
Dog Lake
Graham
English River
Huronian
Rowan
Port Arthur
Fort William
Islet Royale
Grand Marais
Devil Track
Misquah Hills
Brule
Hovland
Arrow Lake
Greenwood Lake
Pigeon R.
Snowbank Lake
Vermilion Lake
Tower
Soudan
Ely
Winton
Section
Hurly
Robinson
Birch Lake
Stony
Isabella
Lutsen
Tofte
Schroeder
Cramer
Little Marais
Beaver Bay
Two Harbors
The Apostle Islands
Bear I.
Outer I.
Sand
Oak
Stockton I.
Michigan I.
Madeline I.
Ontonagon
Bayfield
White Pine
Washburn
Orienta
Ashland
Hurley
Ironwood
Bessemer
Gogebic Lake
Stickley
Iron River
Rockmont
Duluth
Superior
Carlton
Cloquet
Floodwood
Meadowlands
Virginia
Hibbing
Chisholm
Buhl
Eveleth
Gilbert
Mt. Iron
Aurora
Biwabik
Virginia
Brittmount
Sandy
Embarrass
Divide
Babbitt
Finland
Makinen
Fairbanks
Horeby
Tomi
Skibo
Skibo Mill
Zeno
Scott
Beaver
Duluth
Brimson
McNair
Marcy
Drummond
Clark
Rush Lake
Whiteface
Sherlo
Wales
Meadowlands
Floodwood
Arbrec
Cuyuna
Crosby
Ironton
Deerwood
Aitkin
McGregor
Palisade
Sandstone
Hinckley
Grand Rapids
Blackberry
Hill City
Nashwauk
Keewatin
Marble
Taconite
Coleraine
Bovey
Bigfork
Deer River
Northome
Big Falls
Littlefork
Mizpah
Wildwood
Craigville
Rauch
Nass
Togo
Effie
Kenny
Spring Lake
Jesse
Marcell
Alder
Clarks
Wabana
Swan R.
Swatara
Verdon
Scottlake
Gowan
Libby
Balsam
Sheshebee
Cromwell
Tamarack
Wright
Atkinson
Cloquet
Carlton
Proctor
Forbes
Newtown
Wrenshall
Sawyer
Mahtowa
Frogner
Barnum
Kettle River
Holyoke
Nemadji
Nickerson
Harlem
Duquette
Belden
Patzou
Kerrick
Sturgeon Lake
Pine
Solana
Nichols
Malmo
Wealthwood
Bennettville
Thor
Aitkin
Deerwood
Crosslake
Waldeck
Emily
Outing
Backus
Pine River
Ponsford
Park Rapids
Dorset
Hubbard
Chamberlin
Hackensack
Wabedo
Shovel Lake
Longville
Pontoria
Swanburg
Menahga
Hunterville
Oshawa
Badoura
Akeley
Cyphers
Walker
Leech Lake
Benedict
Hubbard
Arago
Laporte
Remer
Boy River
Tobique
Federal Dam
Wilkinson
Nary
Farris
Cass L.
Raboin
Bena
Ballclub
Copasset
Deer
Winnibigoshish Lake
Pennington
Cass
Longville
Pinecrest
Rosy
Max
Tenstrike
Dunbar
Orchid
Poplee
Wirt
Bigfork
Bergville
Northome
Grattan
Blackduck
Kiowa
Funkley
Shooker
Redby
Quiring
Mizpah
Wildwood
Craigville
Rauch
Nass
Togo
Effie
Kenny
Greeley
Meadow Brook
Cook
Gheen
Dam
Farnsworth
Ely
Winton
Section
Hurly
Robinson
Tower
Soudan
Idington
Wahlsten
Babbitt
Stony
Isabella
Lutsen
Tofte
Schroeder
Cramer
Little Marais
Beaver Bay
Two Harbors
The Apostle Islands
Bear I.
Outer I.
Sand
Oak
Stockton I.
Michigan I.
Madeline I.
Ontonagon
Bayfield
White Pine
Washburn
Orienta
Ashland
Hurley
Ironwood
Bessemer
Gogebic Lake
Stickley
Iron River
Rockmont
Duluth
Superior
Carlton
Cloquet
Floodwood
Meadowlands
Virginia
Hibbing
Chisholm
Buhl
Eveleth
Gilbert
Mt. Iron
Aurora
Biwabik
Virginia
Brittmount
Sandy
Embarrass
Divide
Babbitt
Finland
Makinen
Fairbanks
Horeby
Tomi
Skibo
Skibo Mill
Zeno
Scott
Beaver
Duluth
Brimson
McNair
Marcy
Drummond
Clark
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Whiteface
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Meadowlands
Floodwood
Arbrec
Cuyuna
Crosby
Ironton
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Aitkin
McGregor
Palisade
Sandstone
Hinckley
Grand Rapids
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Taconite
Coleraine
Bovey
Bigfork
Deer River
Northome
Big Falls
Littlefork

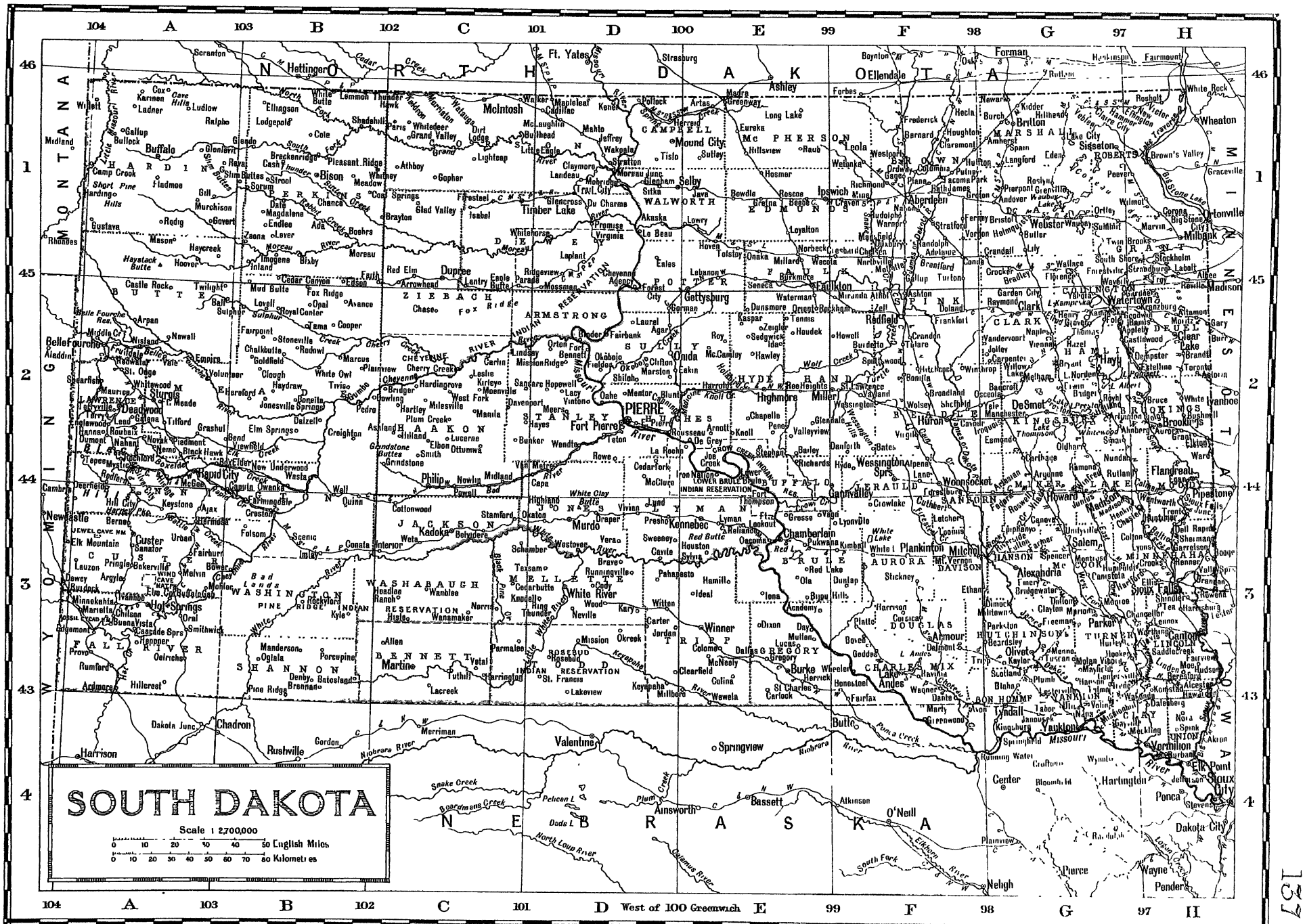


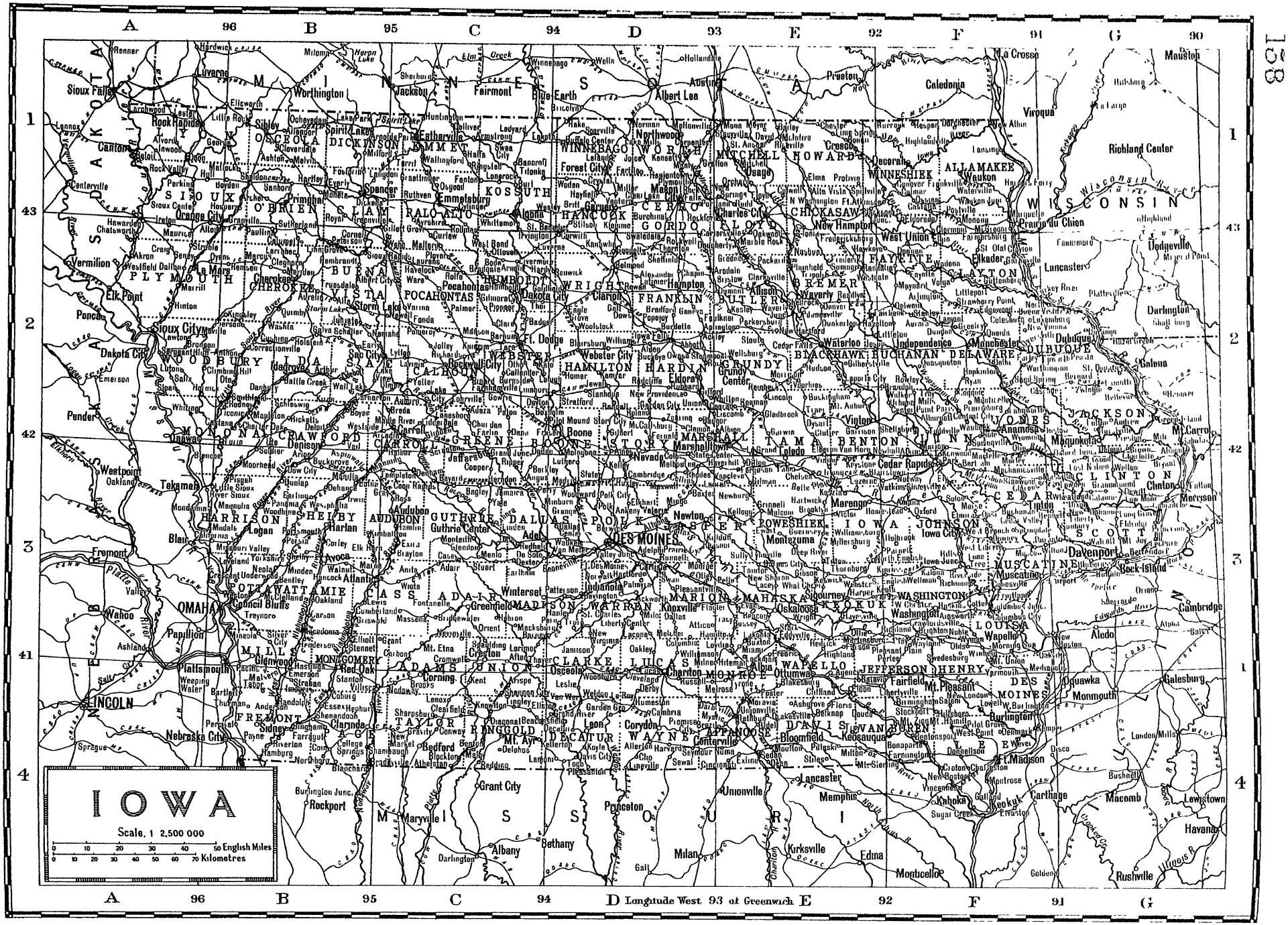
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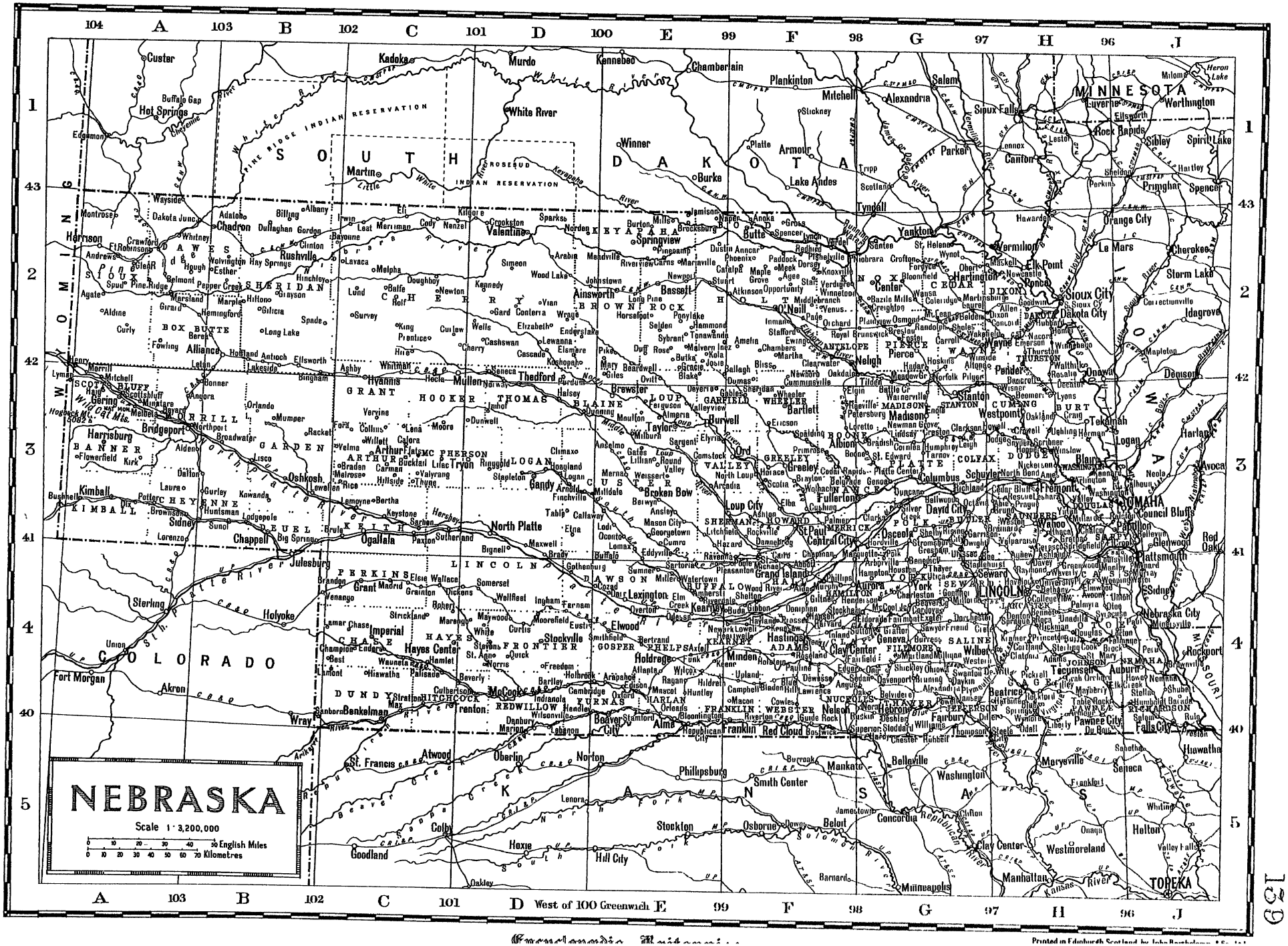
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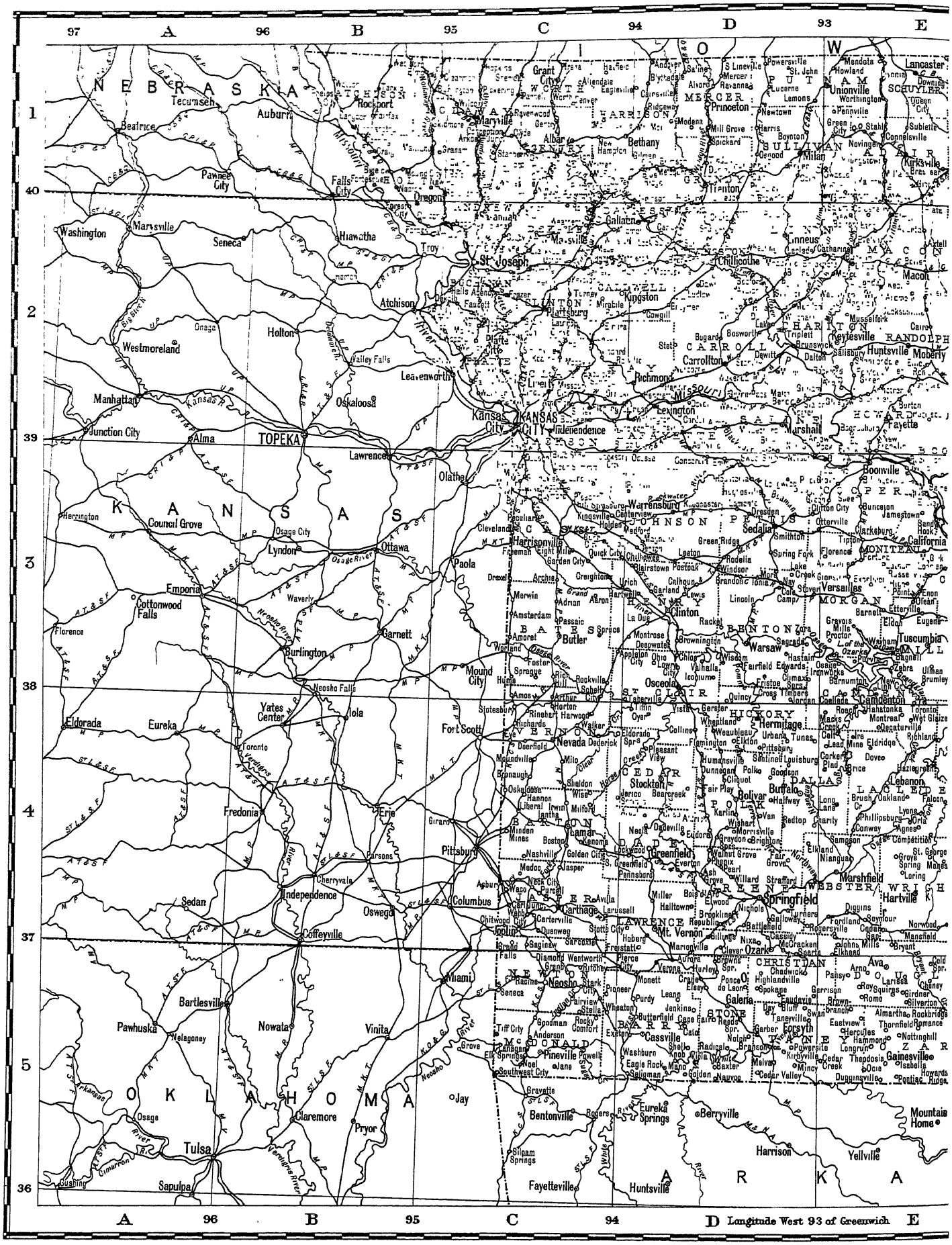

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0 10 20 30 40 50 60 70 80 Kilometres
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MONTANA
NEBRASKA
IOWA
MINNESOTA
WYOMING
104 A 103 B 102 C 101 D 100 E 99 F 98 G 97 H
46 45 44 43 42 1 2 3 4
West of 100 Greenwich
Hettinger
Ellendale
Ft. Yates
Strasburg
Ashley
Forman
Fairmount
Wheaton
Britton
Sisseton
Watertown
Clark
Redfield
Aberdeen
Webster
Milbank
Ortonville
Graceville
Big Stone Lake
Brown's Valley
Wilmot
Corona
Big Stone City
Rosholt
Victor
Hankinson
Lake City
Marshall
Roberts
Grant
Codington
Hamlin
Deuel
Clear Lake
Brandt
Toronto
Astoria
Hayti
Castlewood
Dempster
Estelline
Lake Norden
Hazel
Bryant
Watertown
Kampeska
Kampeska Lake
Kranzburg
Kittanon
Moritz
Gary
Bushnell
Ivanhoe
Lake Preston
Arlington
Volga
Brookings
Aurora
Bruce
White
Elkton
Flandreau
Pipestone
Howard
Madison
Wentworth
Sioux Falls
Dell Rapids
Garretson
Brandon
Valley Spr.
Canton
Lincoln
Worthington
Lennox
Harrisburg
Tea
Chancellor
Parker
Turner
Hutchinson
Yankton
Vermillion
Elk Point
Sioux City
Ponca
Dakota City
Hartington
Center
Crofton
Wynot
Wayne
Pierce
Ponder
Neligh
Plainview
Elkhorn River
Logan Creek
Omaha Creek
Missouri
Running Water
Springfield
Greenwood
Tyndall
Bon Homme
Gayville
Volin
Irene
Clay
Union
Lincoln
Turner
Hutchinson
Davison
Douglas
Charles Mix
Gregory
Tripp
Lyman
Jones
Mellette
Todd
Washington
Bennett
Shannon
Fall River
Custer
Jackson
Pennington
Meade
Lawrence
Butte
Harding
Perkins
Corson
Dewey
Ziebach
Haakon
Stanley
Sully
Hughes
Hyde
Buffalo
Campbell
McPherson
Edmunds
Faulk
Potter
Walworth
Spink
Brown
Marshall
Roberts
Day
Clark
Codington
Hamlin
Deuel
Grant
Kingsbury
Miner
Lake
Moody
Minnehaha
Lincoln
Union
Clay
Yankton
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Douglas
Hutchinson
Turner
Hanson
Aurora
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Yankton
Bon Homme

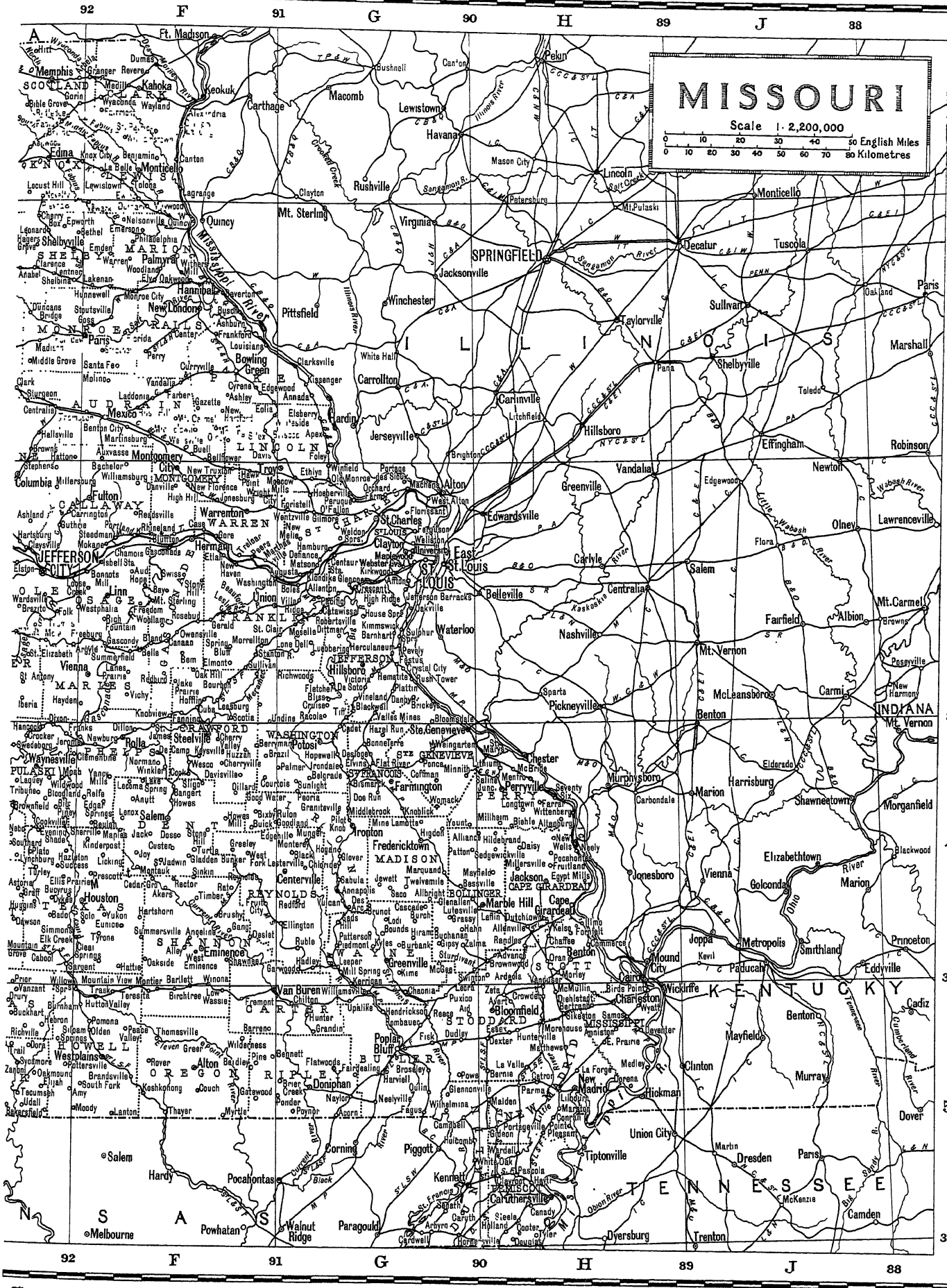


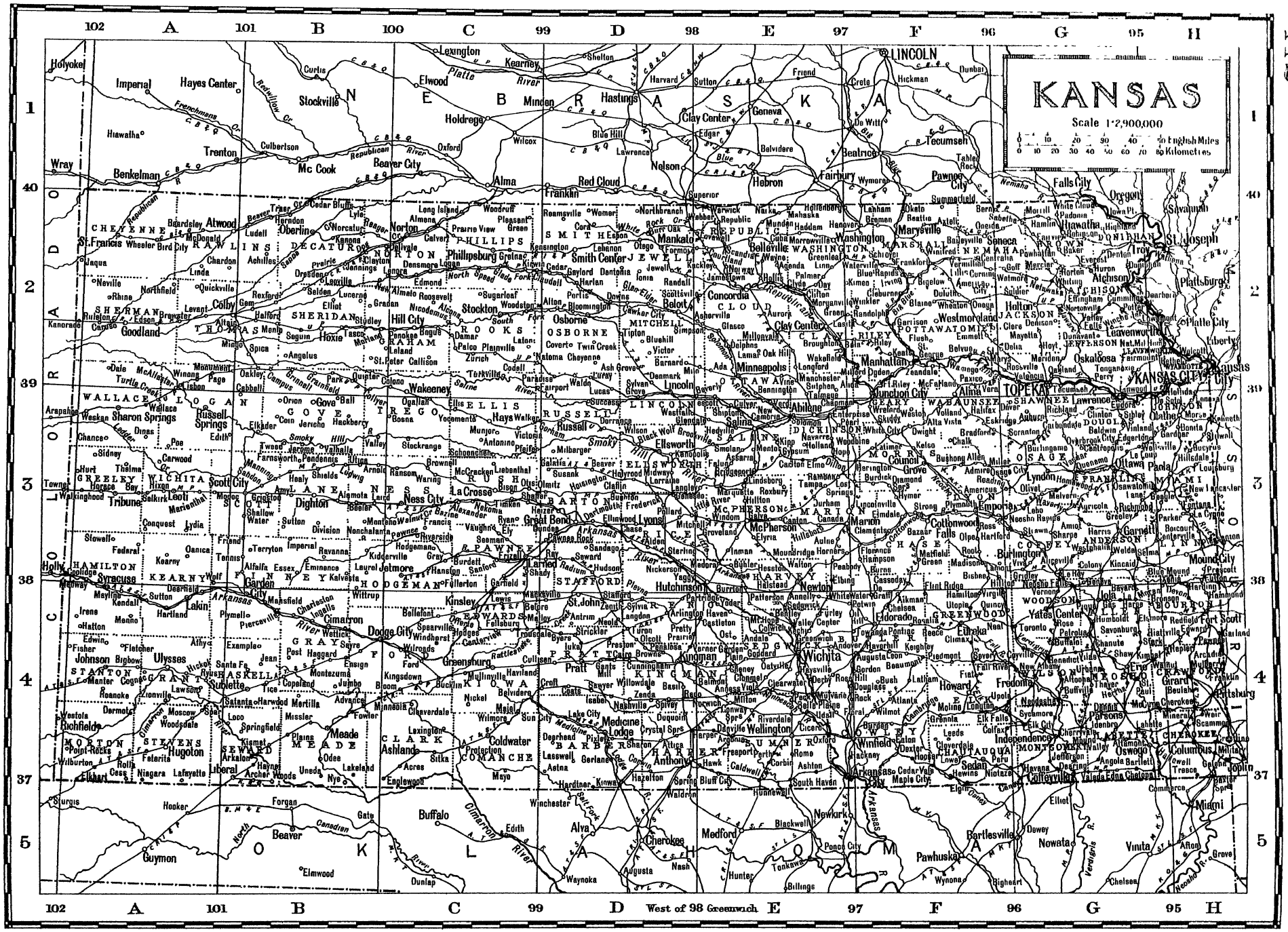
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0 10 20 30 40 50 60 70 Kilometres
104 A 103 B 102 C 101 D 100 E 99 F 98 G 97 H 96 J
West of 100 Greenwich
SOUTH DAKOTA
MINNESOTA
IOWA
COLORADO
KANSAS
Missouri River
Platte River
Republican River
Niobrara River
White River
Pine Ridge Indian Reservation
Rosebud Indian Reservation
Omaha Indian Reservation
Winnebago Indian Reservation
Santee Indian Reservation
Yankton Indian Reservation
Lake Andes
Winner
Martin
Kadoka
Murdo
Kennebec
Chamberlain
Plankton
Mitchell
Alexandria
Worthington
Custer
Hot Springs
Buffalo Gap
White River
Burke
Armour
Parker
Canton
Sioux Falls
Rock Rapids
Sibley
Spirit Lake
Tyndall
Scotland
Lennox
Hartington
Yankton
Vermilion
Elk Point
Le Mars
Cherokee
Orange City
Sioux City
Dakota City
Ponca
Storm Lake
Idagrove
Wayside
Chadron
Rushville
Harrison
Crawford
Andrews
Gordon
Valentine
Springview
Butte
Bassett
Ainsworth
Brown
Rock
Holt
Center
Neligh
Pierce
Wayne
Thurston
Dixon
Dakota
Dakota City
Ponca
Sioux City
Idagrove
Correctionville
Storm Lake
Cherokee
Le Mars
Orange City
Hartley
Spencer
Primghar
Sheldon
Sibley
Spirit Lake
Rock Rapids
Ellsworth
Worthington
Luverne
Heron Lake
Milona
Sioux Falls
Canton
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Chamberlain
Kennebec
Murdo
Kadoka
Hot Springs
Buffalo Gap
Custer
Edgemont
Montrose
Dakota June
Adatoe
Billing
Albany
Irwin
Leat
Merriman
Cody
Nenzel
Kilgore
Crookston
Sparks
Norden
Burton
Mills
Jamison
Anoka
Gross
Brocksburg
Burton
Springview
Verdel
Niobrara
Santee
Wynot
Croften
Paddock
Dorsey
Meek
Knoxville
Winnetoon
Verdigre
Bloomfield
Agee
Stuart
Newport
Long Pine
Johnstown
Wood Lake
Simeon
Arabia
Meadville
Riverview
Carns
Marineville
Catalpa
Maple
Grove
Phoenix
Pishelville
Paddock
Meek
Knoxville
Winnetoon
Verdigre
Bloomfield
Agee
Stuart
Newport
Long Pine
Johnstown
Wood Lake
Simeon
Arabia
Meadville
Riverview
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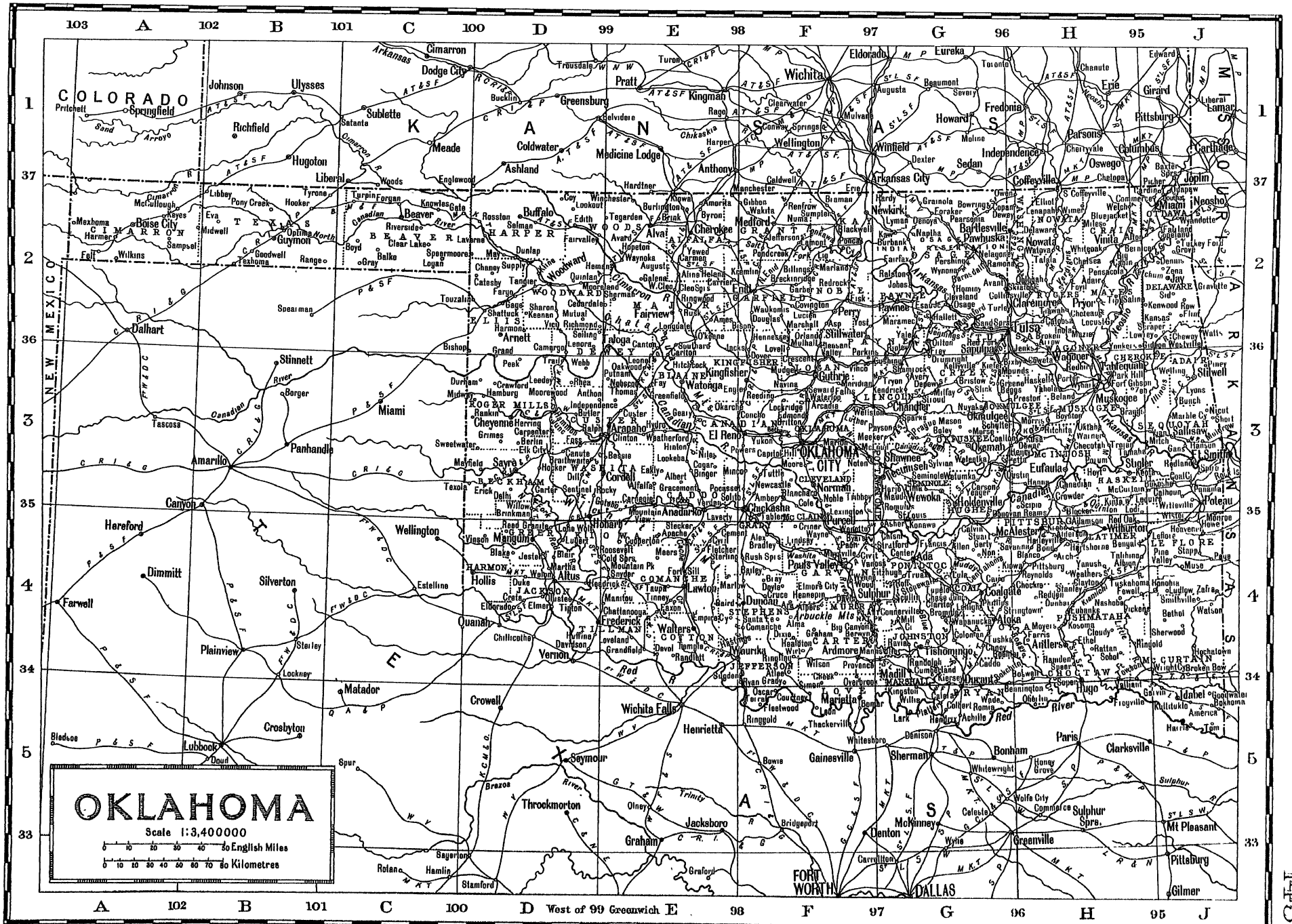

97
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96
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E
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38
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5
36
NEBRASKA
KANSAS
OKLAHOMA
ARKANSAS
IOWA
MISSOURI
Tecumseh
Auburn
Beatrice
Rockport
Pawnee City
Falls City
Oregon
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Marysville
Seneca
Hiawatha
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St. Joseph
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Florence
Waverly
Burlington
Garnett
Neosho Falls
Mound City
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Iola
Eldorada
Eureka
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Pittsburg
Girard
Parsons
Cherryvale
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Berryville
Mountain Home
Harrison
Yellville
Fayetteville
Huntsville
Silpam Springs
Gravette
Southwest City
Neosho
Pineville
McDONALD
Cassville
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TANEY
Forsyth
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Garden City
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Fayette
Marshall
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Dalton
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Laclede
Catharine
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Novinger
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SCHUYLER
Lancaster
Howland
Mendota
Princeton
MERCER
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Lucerne
Lamons
Spickard
Harris
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Modena
Bethany
Albany
Gallatin
Trenton
GRUNDY
HARRISON
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Grant City
Stanberry
Gentry
Worth
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Eagleville
Cainsville
Ridgeway
Andover
Salem
Alvord
Ravanna
Powersville
St. John
Lineville
Mercer
Blythedale
Albany
Jamesport
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Kidder
Winston
Polo
Cameron
Plattsburg
Miracle
Kingston
Cowgill
Turney
Faucett
Frazier
Bloomington
Agency
Halls
Rushville
Oregon
Forest City
Maryville
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Arkoe
Graham
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Ravenwood
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Conception Jct.
Hopkins
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Carthage
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Bushnell
Canton
Lewistown
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Decatur
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Quincy
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Winchester
Pittsfield
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Marshall
Shelbyville
Toledo
Hannibal
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Bowling Green
Clarksville
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Robinson
Newton
Vandalia
Greenville
Edwardsville
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West Alton
St.Charles
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Lawrenceville
Flora
Carlyle
Salem
Centralia
Belleville
Nashville
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McLeansboro
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Sparta
Waterloo
Chester
Murphysboro
Harrisburg
Marion
Carbondale
Shawneetown
Morganfield
Elizabethtown
Blackwood
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Centerville
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Eminence
Van Buren
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Caruthersville
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Paris
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Hickman
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Benton
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Bloomfield
Charleston
Sikeston
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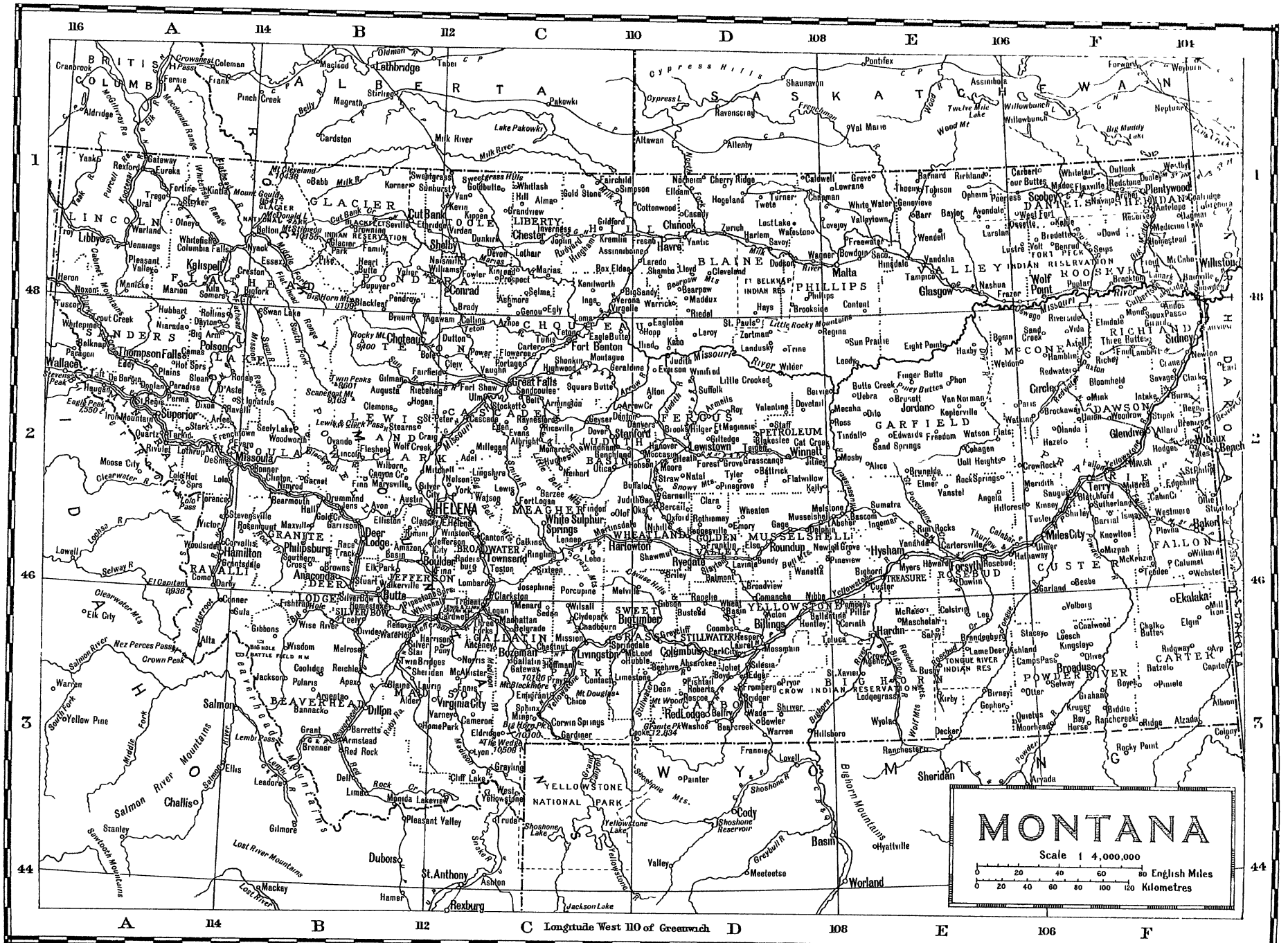
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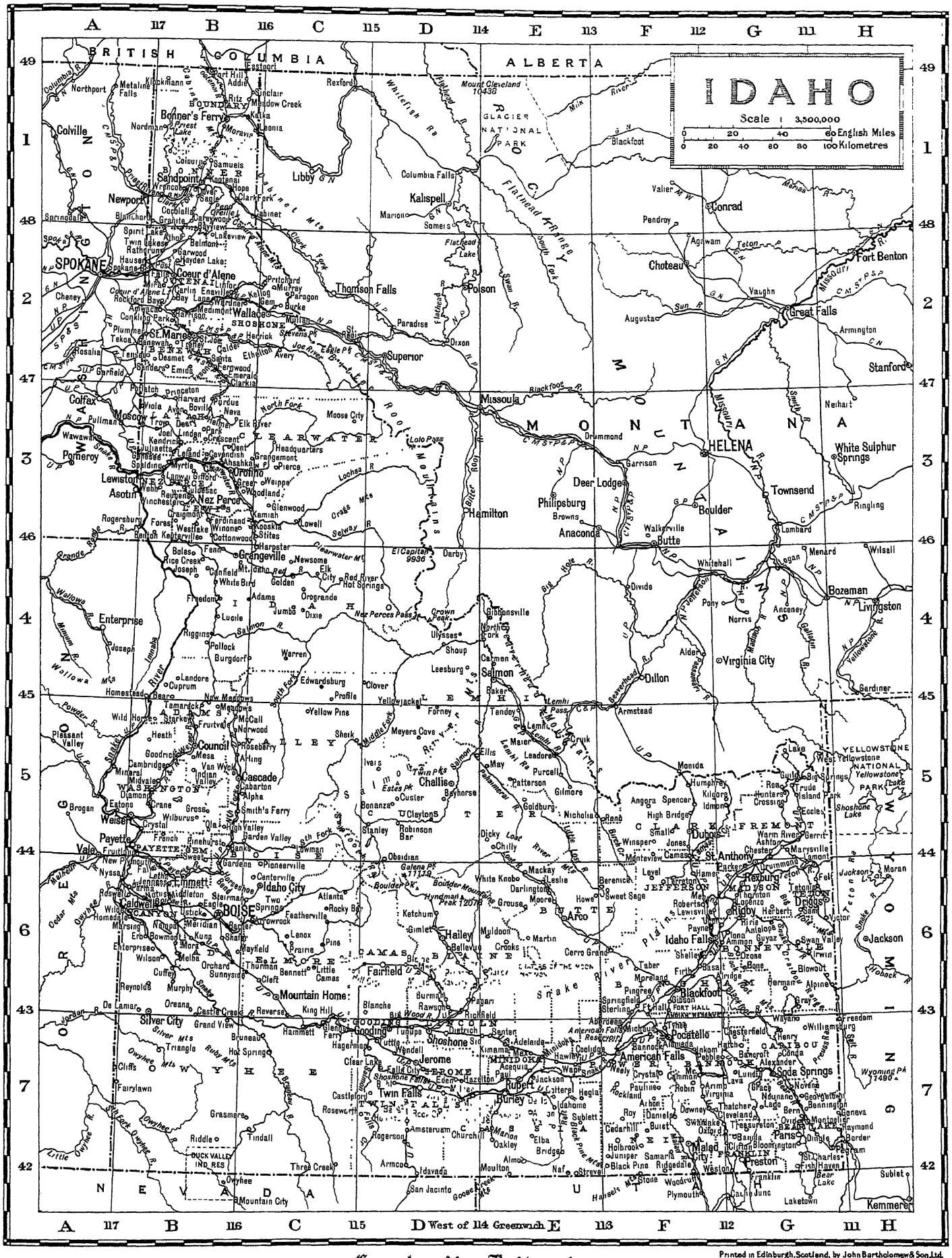
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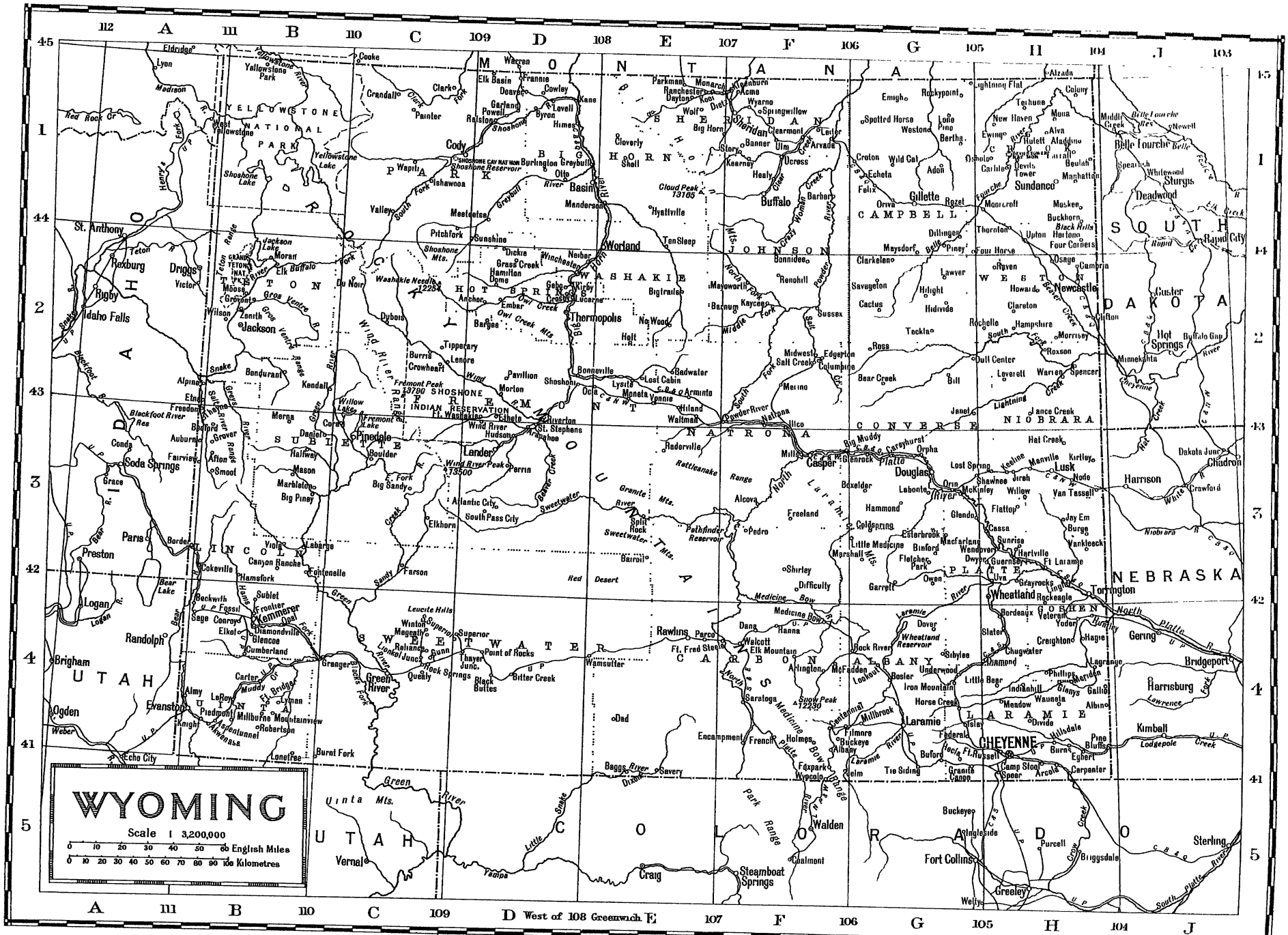


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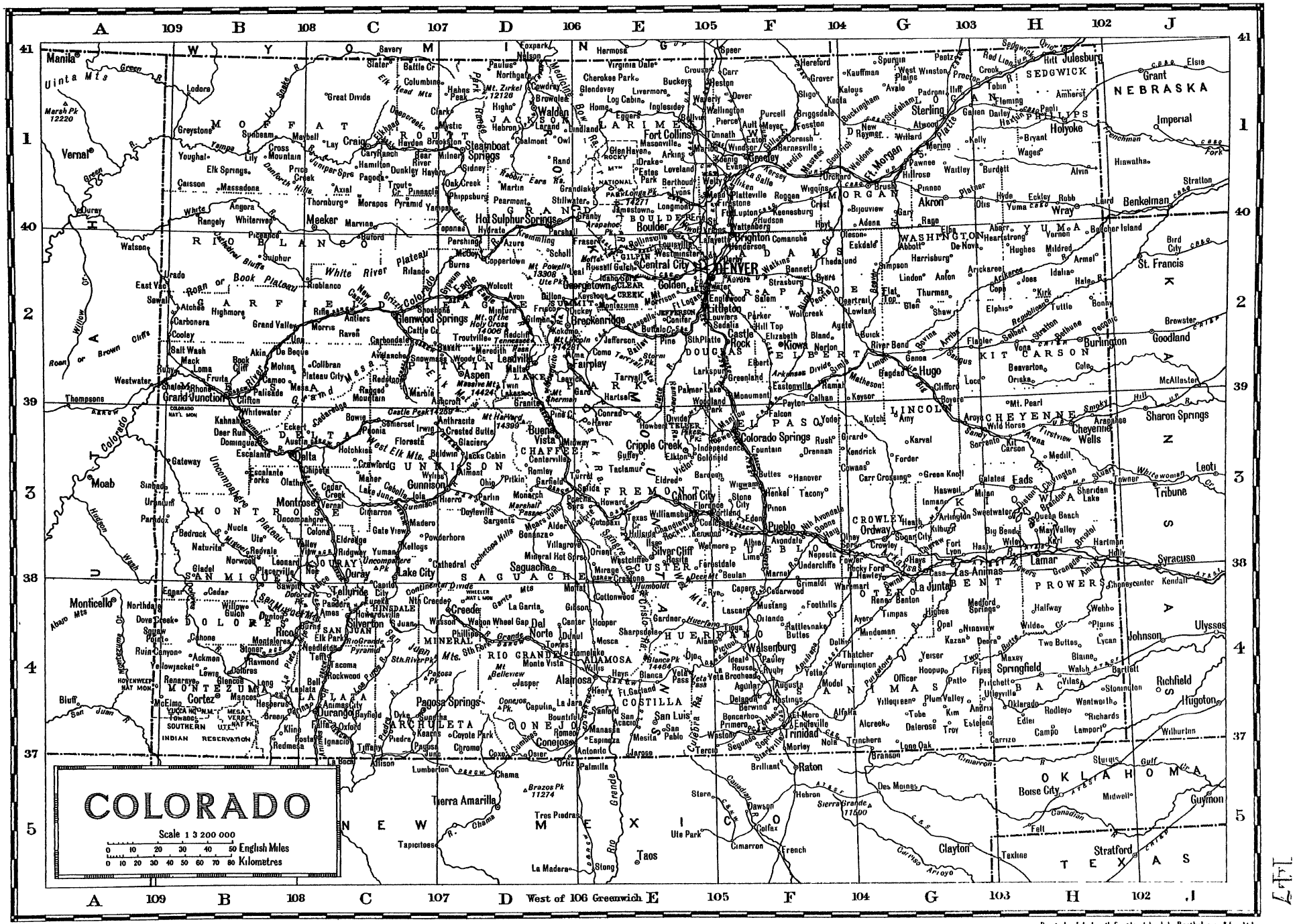
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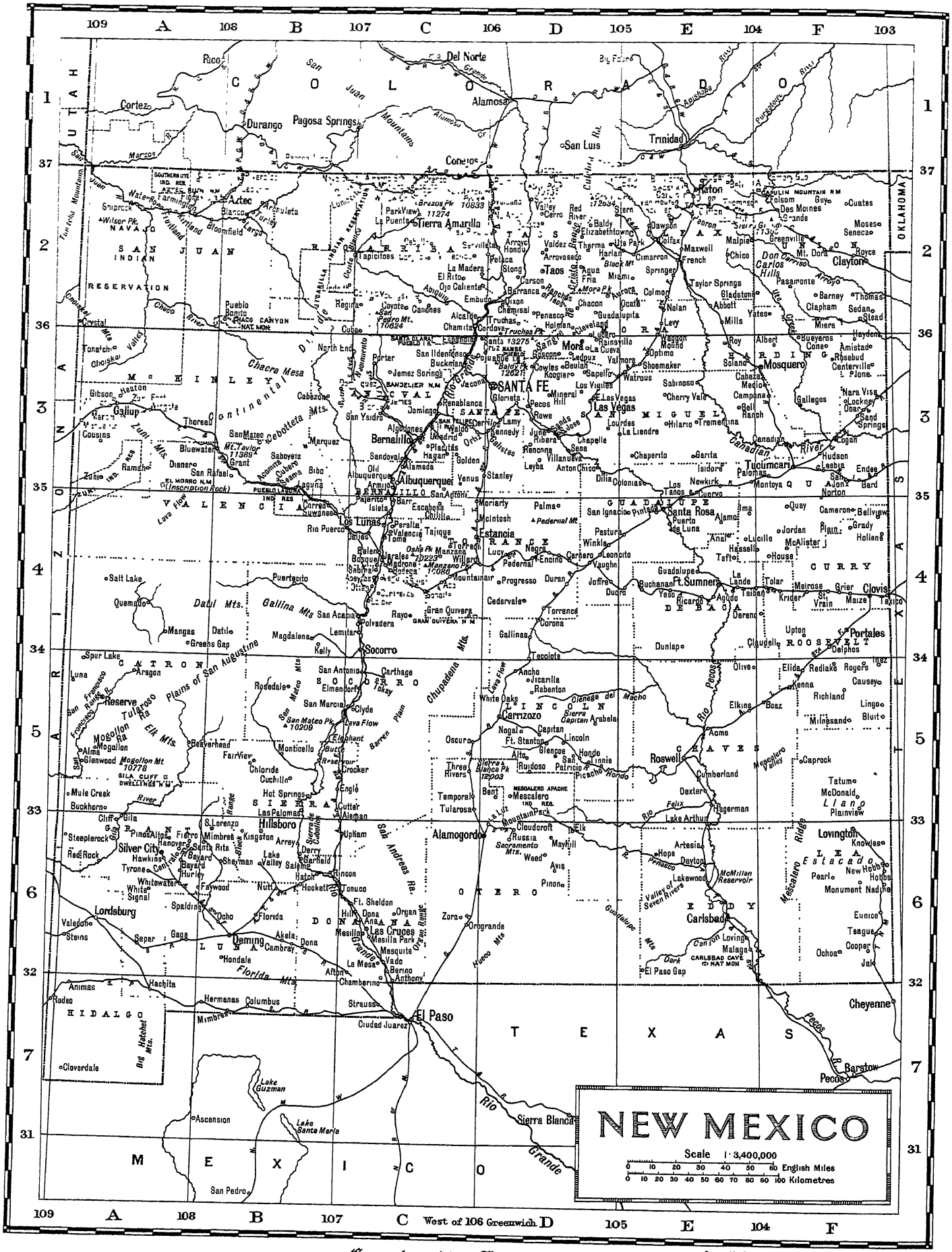

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Encyclopaedia Britannica
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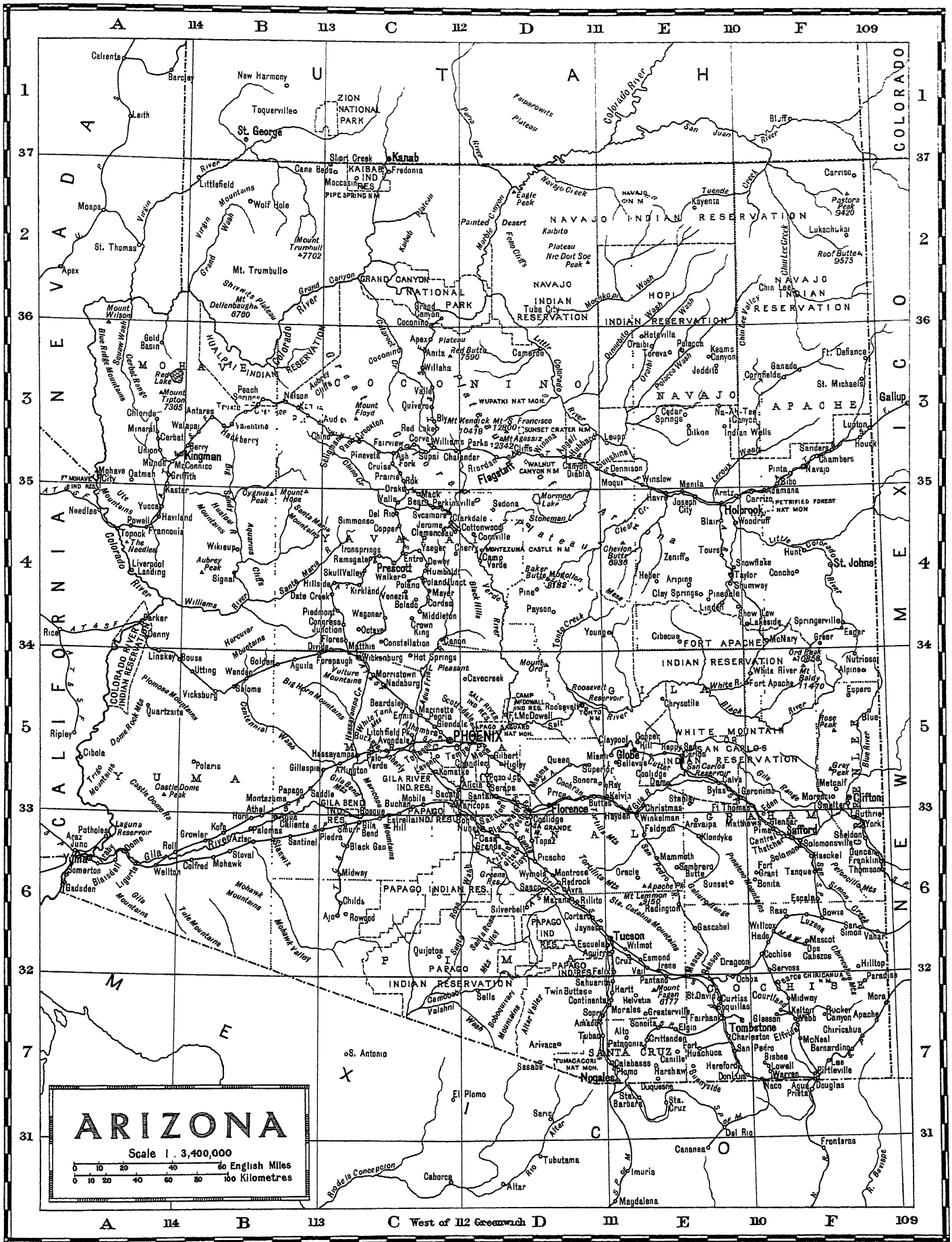

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6
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WASHINGTON
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NEVADA
UTAH
WYOMING
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Coeur d'Alene
Lewiston
Pullman
Moscow
Colfax
Pomeroy
Asotin
Clarkston
Grangeville
Orofino
Nez Perce
Enterprise
Wallowa
Joseph
Weiser
Payette
Vale
Ontario
Nyssa
Caldwell
Nampa
Boise
Emmett
Idaho City
Cascade
Council
McCall
New Meadows
Salmon
Challis
Mackay
Arco
Hailey
Ketchum
Sun Valley
Stanley
Fairfield
Mountain Home
Silver City
Owyhee
Jordan Valley
Grasmere
Riddle
Twin Falls
Rupert
Burley
Jerome
Gooding
Shoshone
Blackfoot
Pocatello
American Falls
Idaho Falls
Rexburg
St. Anthony
Dubois
Driggs
Jackson
Soda Springs
Preston
Malad City
Montpelier
Bear Lake
Paris
Bloomington
Bennington
Georgetown
Grace
Lava
Chesterfield
Henry
Conda
Bancroft
Alexander
Lundell
Hatchtown
Aberdeen
Springfield
Sterling
Fort Hall
Blackfoot
Shelley
Ammon
Idaho Falls
Ucon
Roberts
Lewisville
Menan
Rigby
Ririe
Lorenzo
Hibbard
Herbert
Sand
Victor
Teton
Driggs
Jackson
Swan Valley
Irwin
Alpine
Hoback R.
Snake R.
Teton R.
Henrys Fork
Big Lost R.
Little Lost R.
Birch Cr.
Camas Cr.
Boise R.
Payette R.
Weiser R.
Owyhee R.
Bruneau R.
Jarbidge R.
Snake R.
Clearwater R.
Salmon R.
Lemhi R.
Pahsimeroi R.
Big Hole R.
Beaverhead R.
Ruby Mts
Owyhee Mts
Silver Mts
Cedar Mts
Sawtooth Mts
Boulder Mts
Lost River Mts
Lemhi Mts
Bitterroot Mts
Clearwater Mts
Coeur d'Alene Mts
Hoodoo Mts
Cabinet Mts
Purcell Mts
Selkirk Mts
Salmon River Mts
Seven Devils Mts
Wallowa Mts
Blue Mts
Owyhee Mts
Snake River Plain
Craters of the Moon
Yellowstone National Park
Glacier National Park
Flathead Lake
Pend Oreille Lake
Priest Lake
Coeur d'Alene Lake
Lake Pend Oreille
Payette Lake
Cascade Reservoir
Palisades Reservoir
Island Park Reservoir
Henrys Lake
Bear Lake
Great Salt Lake
Mount Cleveland 10438
Hyndman Peak 12078
Galena Pk 11139
Wyoming Pk 7490
Big Wood R.
Little Wood R.
Camas Prairie
Magic Reservoir
Milner Dam
Minidoka
Burley
Rupert
Twin Falls
Hagerman
Gooding
Shoshone
Jerome
Wendell
Hailey
Ketchum
Sun Valley
Stanley
Challis
Mackay
Arco
Atomic City
Idaho Falls
Rexburg
St. Anthony
Dubois
Driggs
Jackson
Pocatello
American Falls
Blackfoot

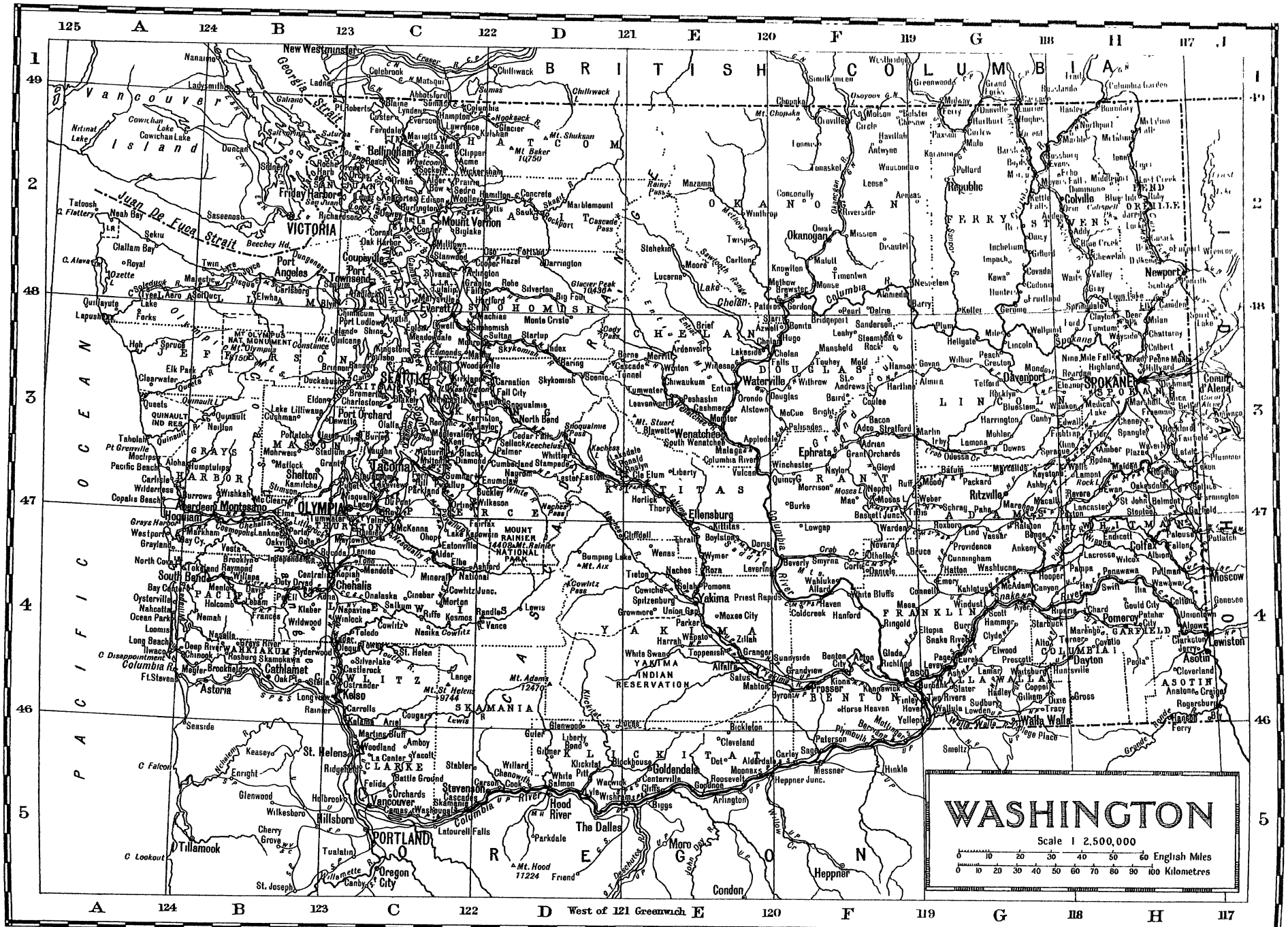


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COLORADO
Scale 1 3 200 000
0 10 20 30 40 50 English Miles
0 10 20 30 40 50 60 70 80 Kilometres
A 109 B 108 C 107 D 106 E 105 F 104 G 103 H 102 J
West of 106 Greenwich
41
40
39
38
37
1
2
3
4
5
Manila
Vernal
Meeker
Rangely
Craig
Steamboat Springs
Hot Sulphur Springs
Kremmling
Granby
Grand Lake
Walden
Fort Collins
Loveland
Greeley
Sterling
Julesburg
Holyoke
Grant
Imperial
Benkelman
Wray
Akron
Fort Morgan
Brush
Hillrose
Burlington
Goodland
Hugo
Limon
Matheson
Kiowa
Elizabeth
Castle Rock
Parker
Littleton
Englewood
Denver
Central City
Golden
Boulder
Longmont
Brighton
Greeley
Evans
Platteville
Firestone
Frederick
Dacono
Lafayette
Louisville
Westminster
Arvada
Wheat Ridge
Thornton
Commerce City
Aurora
Strasburg
Bennett
Byers
Deer Trail
Agate
Cope
Idalia
Haxtun
Holyoke
Julesburg
Sedgwick
Phillips
Yuma
Otis
Eckley
Wray
Laird
Akron
Washington
Morgan
Adams
Arapahoe
Douglas
Elbert
Lincoln
Kit Carson
Cheyenne
Sharon Springs
Wallace
Logan
Sedgwick
Phillips
Yuma
Rio Blanco
Garfield
Pitkin
Eagle
Summit
Clear Creek
Gilpin
Jefferson
Park
Teller
El Paso
Colorado Springs
Cripple Creek
Victor
Fountain
Pueblo
Crowley
Otero
Bent
Prowers
Kiowa
Cheyenne
Kit Carson
Lincoln
Elbert
Douglas
Arapahoe
Adams
Washington
Yuma
Phillips
Sedgwick
Logan
Morgan
Weld
Larimer
Jackson
Routt
Moffat
Rio Blanco
Garfield
Pitkin
Eagle
Summit
Clear Creek
Gilpin
Jefferson
Park
Teller
El Paso
Lincoln
Kit Carson
Cheyenne
Sharon Springs
Wallace
Logan
Sedgwick
Phillips
Yuma
Grand Junction
Palisade
Clifton
Fruita
Loma
Mack
Westwater
Thompsons
Moab
Monticello
Dolores
Cortez
Mancos
Durango
Bayfield
Ignacio
Pagosa Springs
Archuleta
Conejos
Costilla
Alamosa
Monte Vista
Creede
Silverton
Ouray
Telluride
Lake City
Gunnison
Crested Butte
Aspen
Leadville
Buena Vista
Salida
Fairplay
Breckenridge
Dillon
Frisco
Georgetown
Idaho Springs
Central City
Golden
Boulder
Longmont

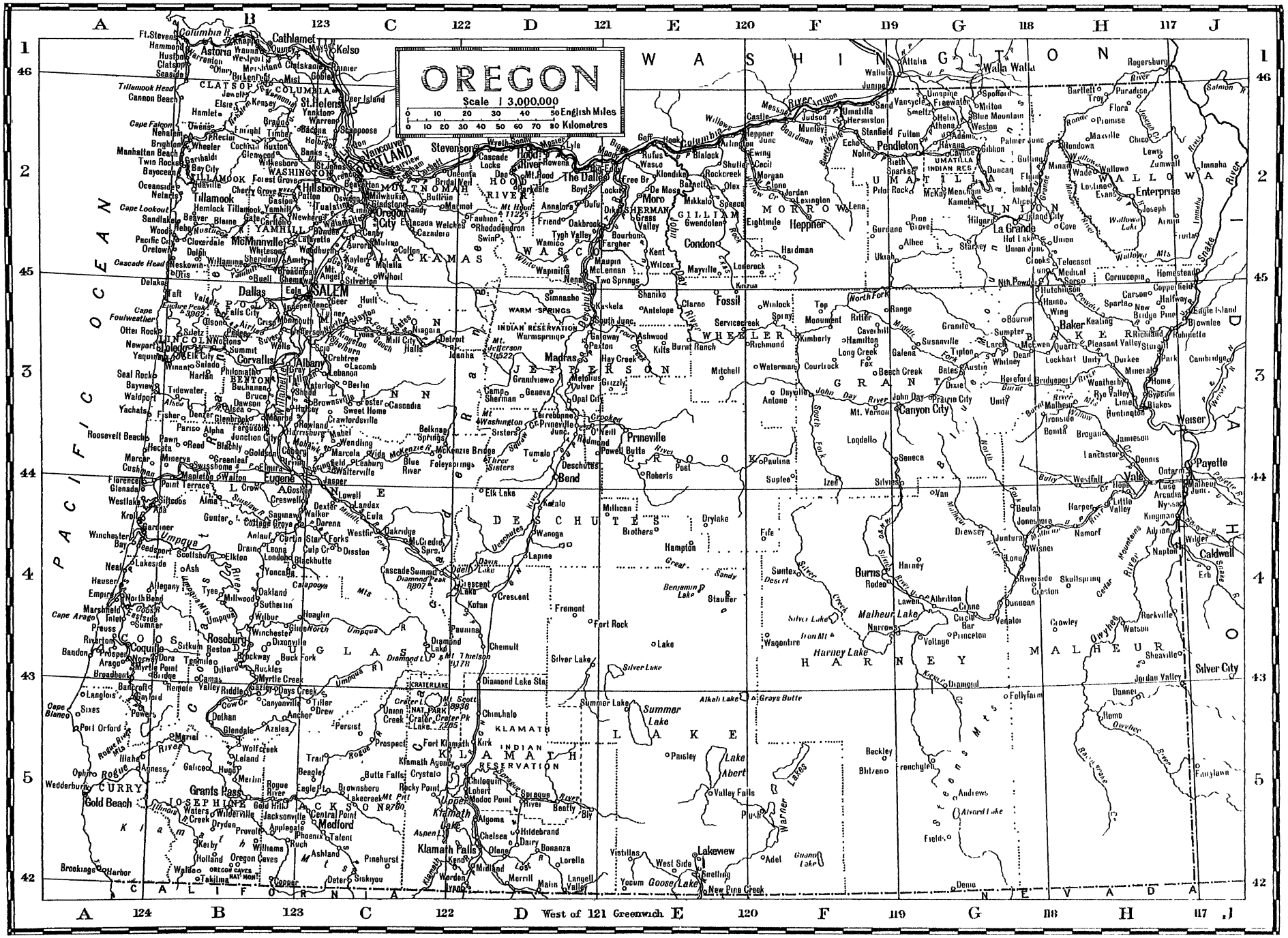

NEW MEXICO
Scale 1:3,400,000
0 10 20 30 40 50 60 English Miles
0 10 20 30 40 50 60 70 80 90 100 Kilometres
West of 106 Greenwich
SANTA FE
Albuquerque
Las Vegas
Roswell
Carlsbad
Clovis
Portales
Hobbs
Lovington
Alamogordo
Silver City
Deming
Lordsburg
Hillsboro
Socorro
Gallup
Farmington
Aztec
Durango
Pagosa Springs
Cortez
Del Norte
Alamosa
Conejos
Trinidad
Raton
Clayton
Tucumcari
Santa Rosa
Estancia
Belen
Los Lunas
Bernalillo
Tierra Amarilla
Taos
Las Vegas
Mosquero
Chama
Cuba
Crownpoint
Zuni
Grants
Milan
Carrizozo
Ruidoso
Artesia
Hobbs
Eunice
Jal
Tatum
Lovington
Plainview
Lubbock
Cheyenne
Barstow
El Paso
Ciudad Juarez
Sierra Blanca
Fort Hancock
Van Horn
Marfa
Presidio
Ojinaga
Chihuahua
Ascension
Lake Guzman
Lake Santa Maria
San Pedro
Rio Grande
Pecos
Canadian River
Gallinas Mts.
Datil Mts.
Gallina Mts.
Chupadera Mts.
Sacramento Mts.
Guadalupe Mts.
Florida Mts.
Hachita
Animas
Rodeo
Columbus
Hermanas
Mimbres
Cloverdale
Big Hatchet Mts.
Organ Mts.
San Andres Mts.
Oscura Mts.
Capitan Mts.
Sierra Blanca Pk 12003
Wheeler Pk 13161
Truchas Pk 13275
Baldy Pk 12621
Mt. Taylor 11389
Mogollon Mt 10778
Brazos Pk 10833
Pedernal Mt.
Manzano Pk 10086
Oshá Pk 10223
San Mateo Pk 10209
Wilson Pk 11274
Carrizo Mts.
Chuska Mts.
Tunicha Mountain
Lukachukai Mts.
Chaco Canyon Nat. Mon.
Aztec Ruins Nat. Mon.
El Morro N.M. (Inscription Rock)
Gila Cliff Dwellings N.M.
Carlsbad Cavern Nat. Mon.
Capulin Mountain N.M.
Fort Sumner
Ute Park
Cimarron
Springer
Maxwell
Colfax
Dawson
Raton
Folsom
Des Moines
Clayton
Mosquero
Logan
Nara Visa
Tucumcari
Endee
Bard
Newkirk
Montoya
Quay
Tucumcari
Santa Rosa
Puerto de Luna
Anton Chico
Dilia
Colonias
Los Tanos
Cuervo
Norton
Bellview
Grady
Hollene
Jordan
Plain
Lucille
McAlister
Hassell
Tafte
House
Grier
Clovis
Texico
Melrose
Elida
Redlake
Rogers
Causey
Lenna
Richland
Lingo
Milnesand
Blutt
Elkins
Boaz
Acme
Roswell
Caprock
Tatum
McDonald
Llano
Plainview
Lovington
Knowles
Hobbs
New Hobbs
Pearl
Monument
Nadine
Eunice
Teague
Cooper
Jal
Ochoa
Malaga
Loving
Carlsbad
Artesia
Hope
Dayton
Lakewood
Dexter
Hagerman
Lake Arthur
Cumberland
Tatum
Caprock
Mescalero Ridge
Pecos River
Rio Felix
Rio Hondo
Rio Penasco
Rio Ruidoso
Rio Bonito
Rio Tularosa
Rio Peñasco
Rio Grande
Rio Chama
Rio Puerco
Rio Salado
Rio Jemez
Rio Gallina
Rio Arriba
Rio Nutria
Rio Colorado
Rio Cebolla
Rio Vallecito
Rio Brazos
Rio Ojo Caliente
Rio Embudo
Rio Pueblo
Rio Hondo

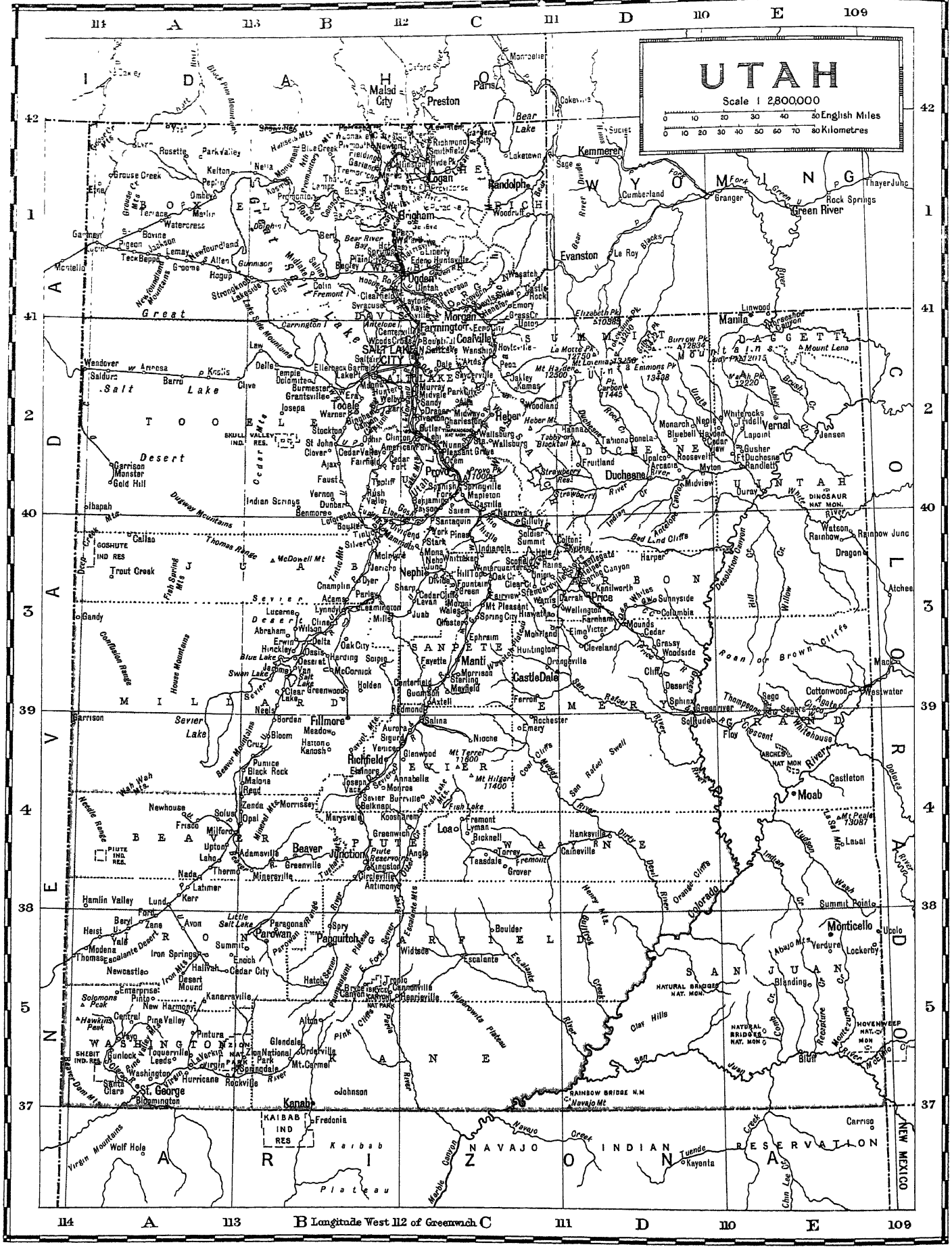

ARIZONA
Scale 1 : 3,400,000
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0 10 20 40 60 80 100 Kilometres
A 114 B 113 C 112 D 111 E 110 F 109
West of 112 Greenwich
UTAH
COLORADO
NEVADA
CALIFORNIA
NEW MEXICO
MEXICO
Colorado River
San Juan River
Grand Canyon
Little Colorado River
Virgin River
Gila River
Salt River
Verde River
Williams River
Bill Williams River
Hassayampa River
Santa Cruz River
San Pedro River
Rio Grande
Rio Concepción
Altar Valley
Santa Rosa Valley
Sonoita Valley
Aravaipa Valley
Chin Lee Valley
Kaibab Plateau
Painted Desert
Navajo Indian Reservation
Hopi Indian Reservation
Hualapai Indian Reservation
Colorado River Indian Reservation
Fort Mohave Ind. Res.
Havasupai Indian Reservation
Papago Indian Reservation
Gila River Ind. Res.
Salt River Ind. Res.
San Carlos Indian Reservation
Fort Apache Indian Reservation
White Mountain Apache Indian Reservation
Navajo Indian Reservation
Zion National Park
Grand Canyon National Park
Wupatki Nat. Mon.
Sunset Crater N.M.
Walnut Canyon N.M.
Montezuma Castle N.M.
Tumacacori Nat. Mon.
Casa Grande Ruins Nat. Mon.
Petrified Forest Nat. Mon.
Pipe Spring N.M.
Navajo N.M.
Organ Pipe Cactus N.M.
Coronado Nat. Mon.
Camp McDowell and Res.
Fort McDowell Ind. Res.
Fort Lowell
Fort Grant
Fort Thomas
Fort Huachuca
Fort Bowie
Fort Defiance
Fort Whipple
Fort Verde
Fort Apache
Fort Mohave
Fort Yuma
Fort Lowell
Fort Grant
Fort Thomas
Fort Huachuca
Fort Bowie
Fort Defiance
Fort Whipple
Fort Verde
Fort Apache
Fort Mohave
Fort Yuma
Kanab
Short Creek
Fredonia
Kaibab Ind. Res.
Pipe Spring N.M.
St. George
Toquerville
Zion National Park
Littlefield
Beaver Dam
Moapa
St. Thomas
Apex
Mt. Trumbull
Mt. Dellenbaugh 6760
Mount Trumbull 7702
Mount Wilson
Gold Basin
Blue Ridge Mountains
Squaw Wash
Gerber Range
Red Lake
Mount Tipton 7365
Antares
Chloride
Mineral
Walapai
Cerbat
Kingman
Berry
Union
Mundt
McConnico
Griffith
Mohave City
Oatman
Fort Mohave Ind. Res.
Needles
Yucca
Powell
Haviland
Topock
The Needles
Franconia
Liverpool
Landing
Parker
Denny
Rice
Colorado River Indian Reservation
Bouse
Utting
Wenden
Salome
Vicksburg
Quartzsite
Ripley
Cibola
Yuma
Laguna Reservoir
Potholes
Araz Junc
Somerton
Gadsden
Roll
Dome
Wellton
Mohawk
Stovall
Aztec
Growler
Kofa
Palomas
Horno
Tacna
Gila
Blaisdell
Ligurta
Castle Dome Peak
Castle Dome Mts
Trigo Mountains
Dome Rock Mts
Plomosa Mountains
Harcuvar Mountains
Harquahala Mts
Vulture Mountains
Big Horn Mountains
Centennial Wash
Gila Bend Mts
Maricopa Mts
Table Mountains
Mohawk Mountains
Gila Mountains
Tucson Mts
Roskruge Mts
Sierrita Mts
Santa Rosa Mts
Quijotoa Mts
Baboquivari Mts
Ajo Mts
Growler Mts
Cabeza Prieta Game Range
Kofa Game Range
Kofa Mts
Plomosa Mts
Harcuvar Mts
Hassayampa Mts
Bradshaw Mts
Mazatzal Mts
Superstition Mts
Pinaleno Mts
Graham Mts
Santa Teresa Mts
Galiuro Mts
Dragoon Mts
Whetstone Mts
Huachuca Mts
Patagonia Mts
Santa Rita Mts
Atascosa Mts
Pajarito Mts
Baboquivari Peak
Kitt Peak
Mount Hopkins
Mount Graham
Mount Lemmon
Mount Wrightson
Mount Fagen 6177
Red Butte 7590
Kendrick Mt. 12,000
San Francisco Mts
Humphreys Peak 12,670
Agassiz Peak 12,342
Escudilla Mt. 10,912
Baldy 11,470
Blue Peak
Gray Peak
Rose Peak
Ord Peak 10,826
Mount Ord
Baker Butte 8182
Mogollon Mesa
Mogollon Rim
Aubrey Cliffs
Hualapai Mts
Cerbat Range
Aquarius Mts
Mount Floyd
Mount Elden
Mount Eldon
Mount Sitgreaves
Mount Ord
Mount Turnbull
Mount Trumbull
Mount Wilson
Mount Tipton
Mount Floyd
Mount Elden
Mount Eldon
Mount Sitgreaves
Mount Ord
Mount Turn

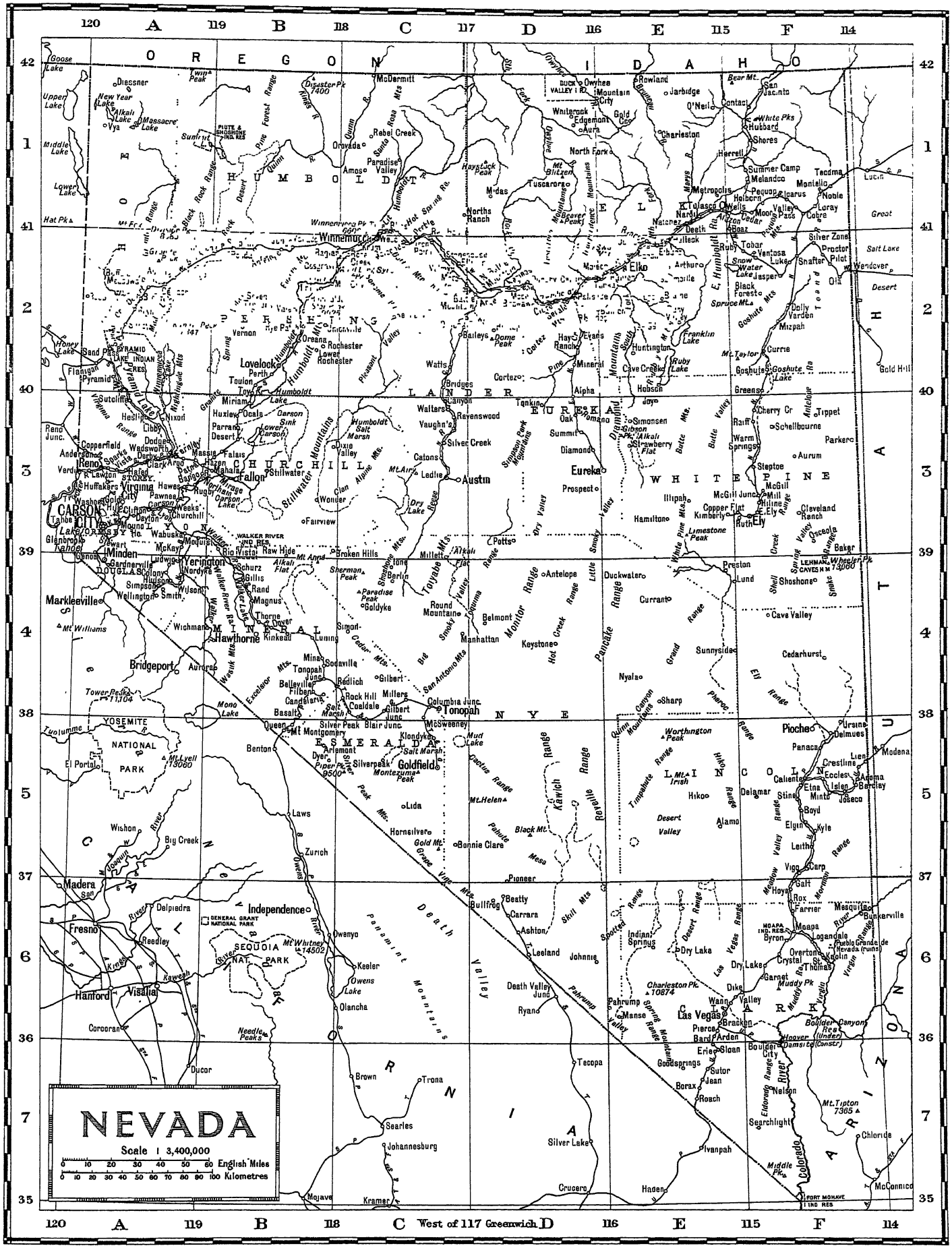


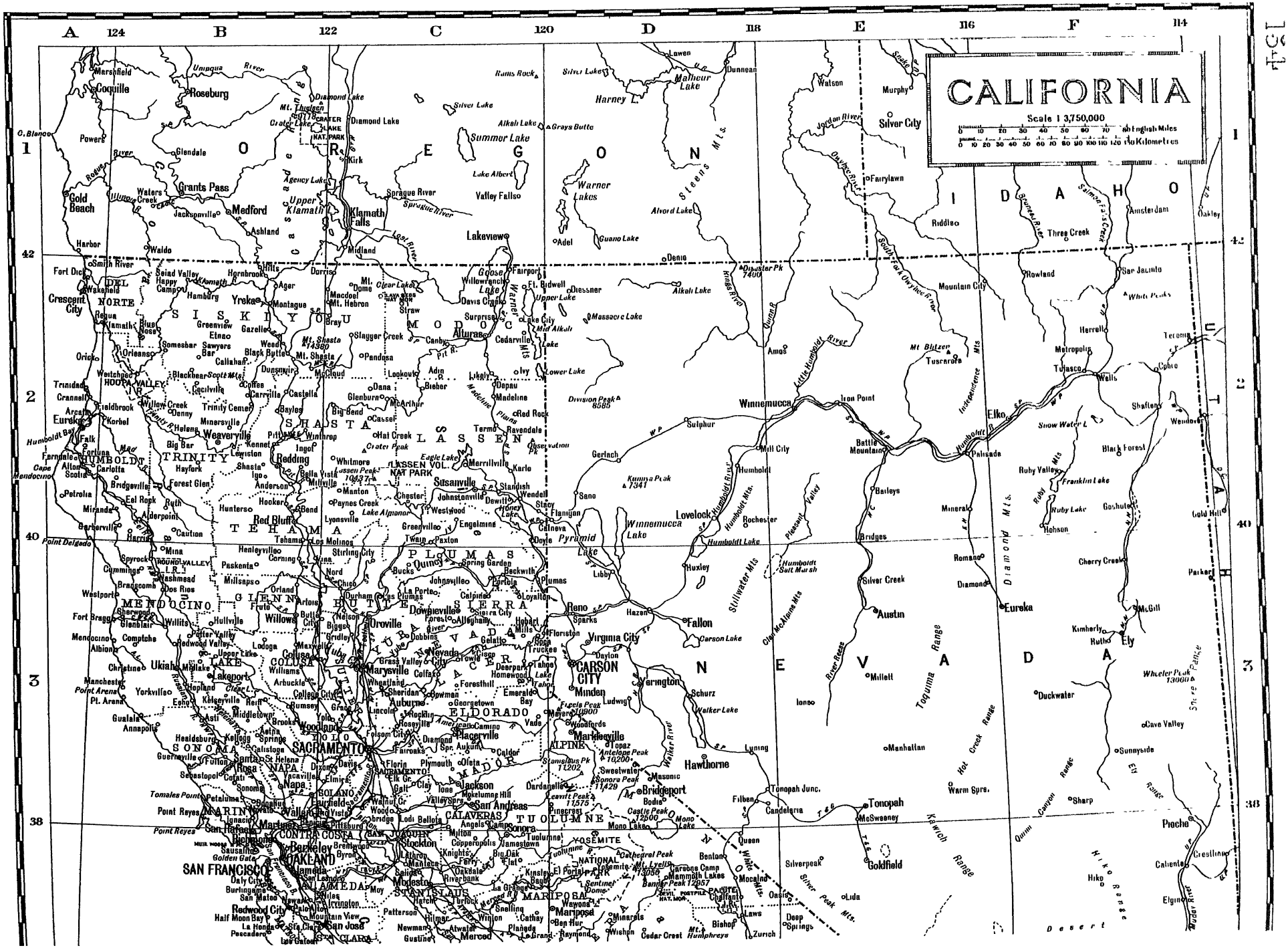
Encyclopedia Britannica

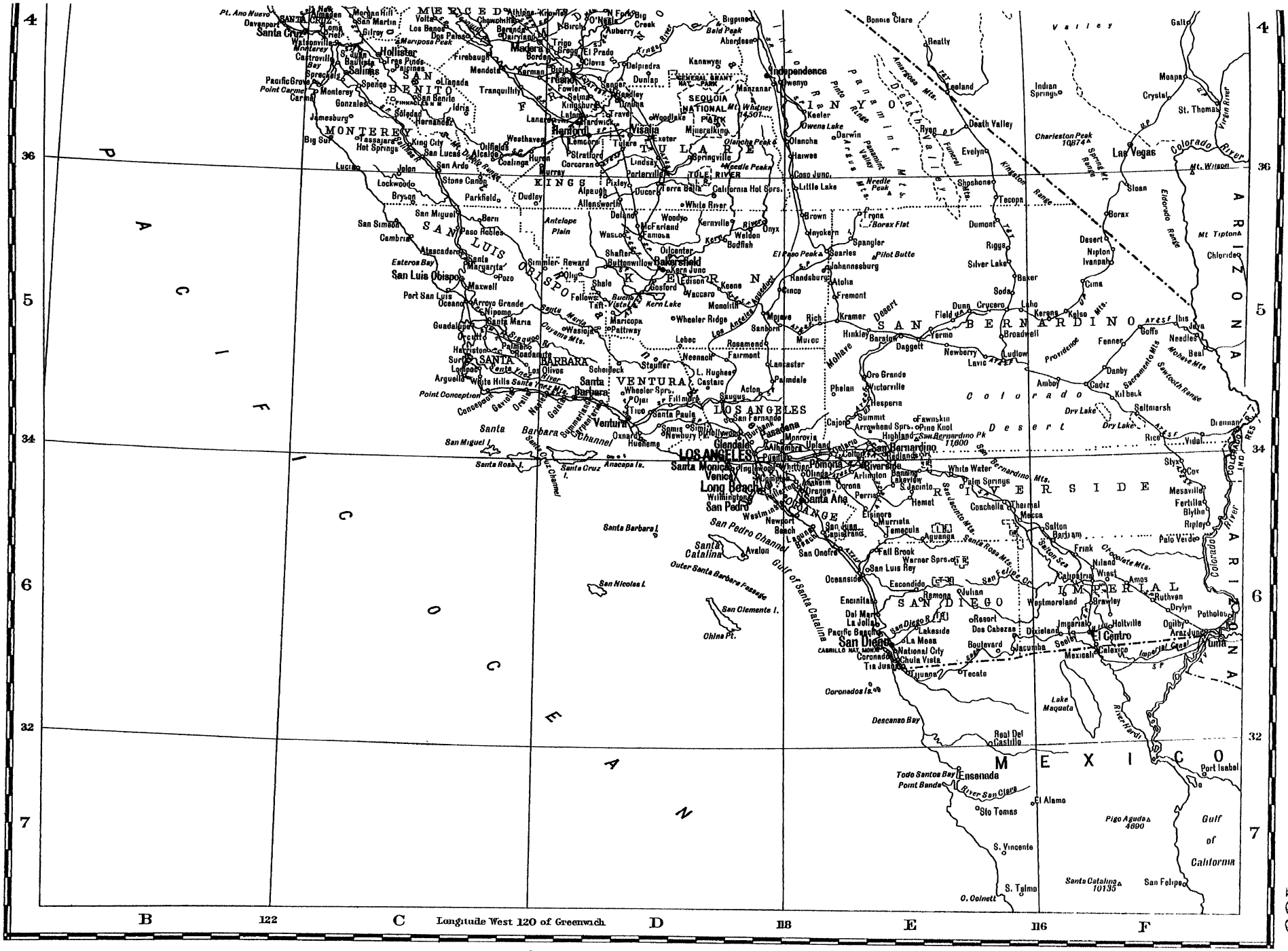
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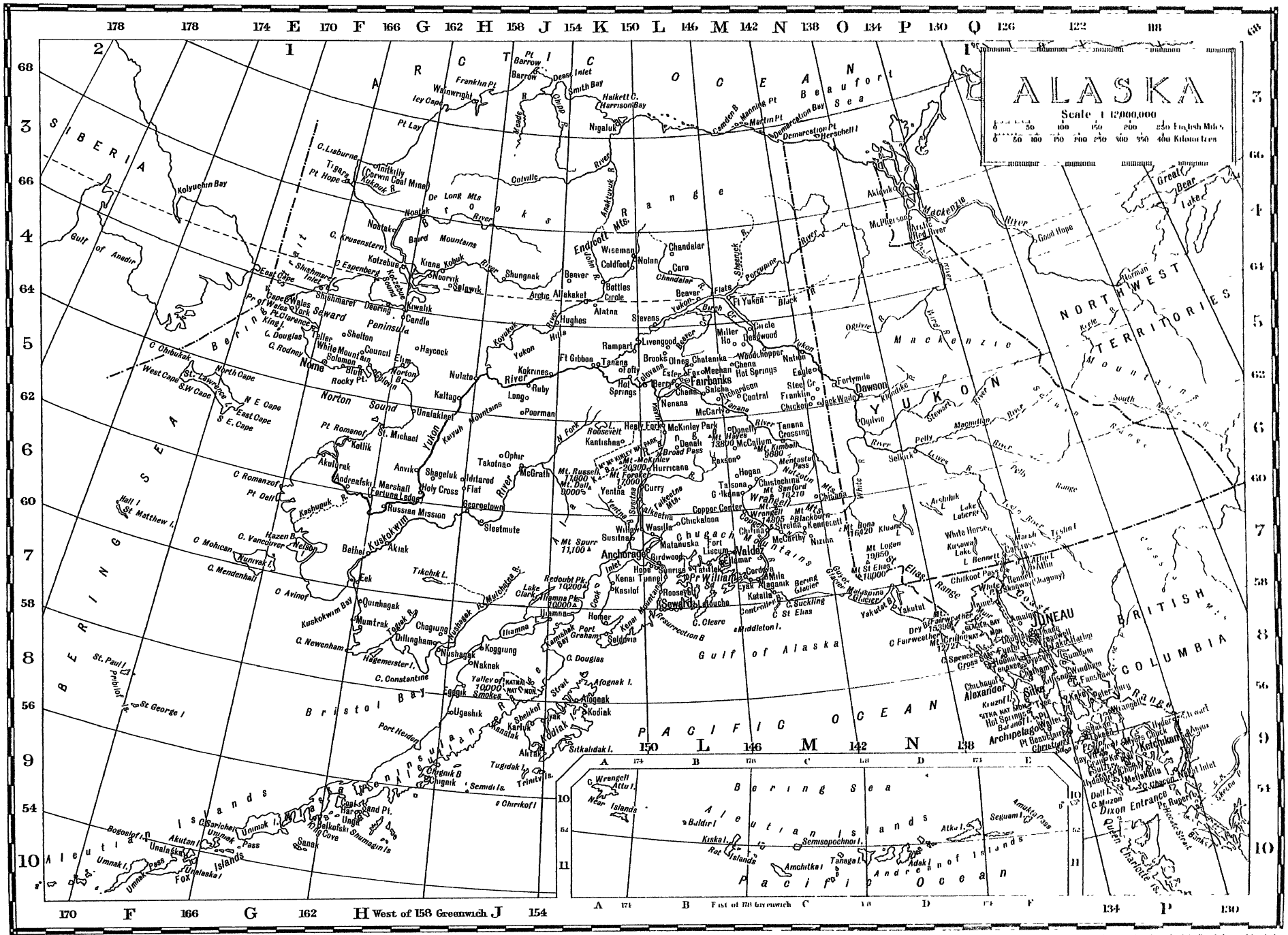

OREGON
Scale 1 3,000,000
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0 10 20 30 40 50 60 70 80 Kilometres
WASHINGTON
PACIFIC OCEAN
IDAHO
CALIFORNIA
NEVADA
PORTLAND
SALEM
Eugene
Medford
Klamath Falls
Bend
Prineville
The Dalles
Pendleton
Walla Walla
La Grande
Baker
Enterprise
Burns
Ontario
Caldwell
Nyssa
Weiser
Payette
Canyon City
Grant Pass
Roseburg
Coos Bay
Lakeview
Silver City
Malheur Lake
Harney Lake
Summer Lake
Goose Lake
Crater Lake
Columbia R.
Snake R.
Deschutes R.
John Day R.
Owyhee R.
Malheur R.
Klamath R.
Rogue R.
Umpqua R.
Willamette R.
Cascade Mts
Steens Mts
Warner Lakes
Abert Lake
Silver Lake
Fort Rock
Diamond Lake
Crescent Lake
Odell Lake
Wallowa Mts
Blue Mts
Ochoco Mts
Aspen Lake
Upper Klamath Lake
Agency Plains
Tygh Valley
Dufur
Maupin
Madras
Prineville
Redmond
Sisters
Condon
Heppner
Ione
Arlington
Boardman
Umatilla
Hermiston
Pilot Rock
Elgin
Imbler
Island City
Union
Cove
Baker
Sumpter
Richland
Halfway
Joseph
Wallowa
Lostine
Wallowa Lake
Hells Canyon
Grande Ronde R.
Imnaha R.
Powder R.
Burnt R.
Malheur R.
Owyhee Reservoir
Vale
Ontario
Payette
Weiser
Caldwell
Nyssa
Adrian
Jordan Valley
Rockville
Silver City
Owyhee
Mountain City
Danner
Folly Farm
Diamond
Crane
Burns
Hines
Harney
Hines
Riverside
Skullspring
Juntura
Drewsey
Namorf
Wisner
Buchanan
Beulah
Westfall
Harper
Little Valley
Jonesboro
Kingman
Adrian
Wilder
Napton
Lone Pine
Lone Rock
Ironside
Bonita
Brogan
Jamieson
Lonerock
Monument
Spray
Fossil
Service Creek
Kimberly
Richmond
Mitchell
Prineville
Redmond
Sisters
Bend
Tumalo
Terrebonne
Crooked River
Metolius
Opal City
Grandview
Madras
Culver
Camp Sherman
Geneva
Sherman
Waterman
Courtrock
Dayville
Antone
Mt. Vernon
Canyon City
Prairie City
Unity
Dixie
Bates
Austin
Long Creek
Galena
Tipton
Susanville
Hamilton
Kimberly
Richmond
Mitchell

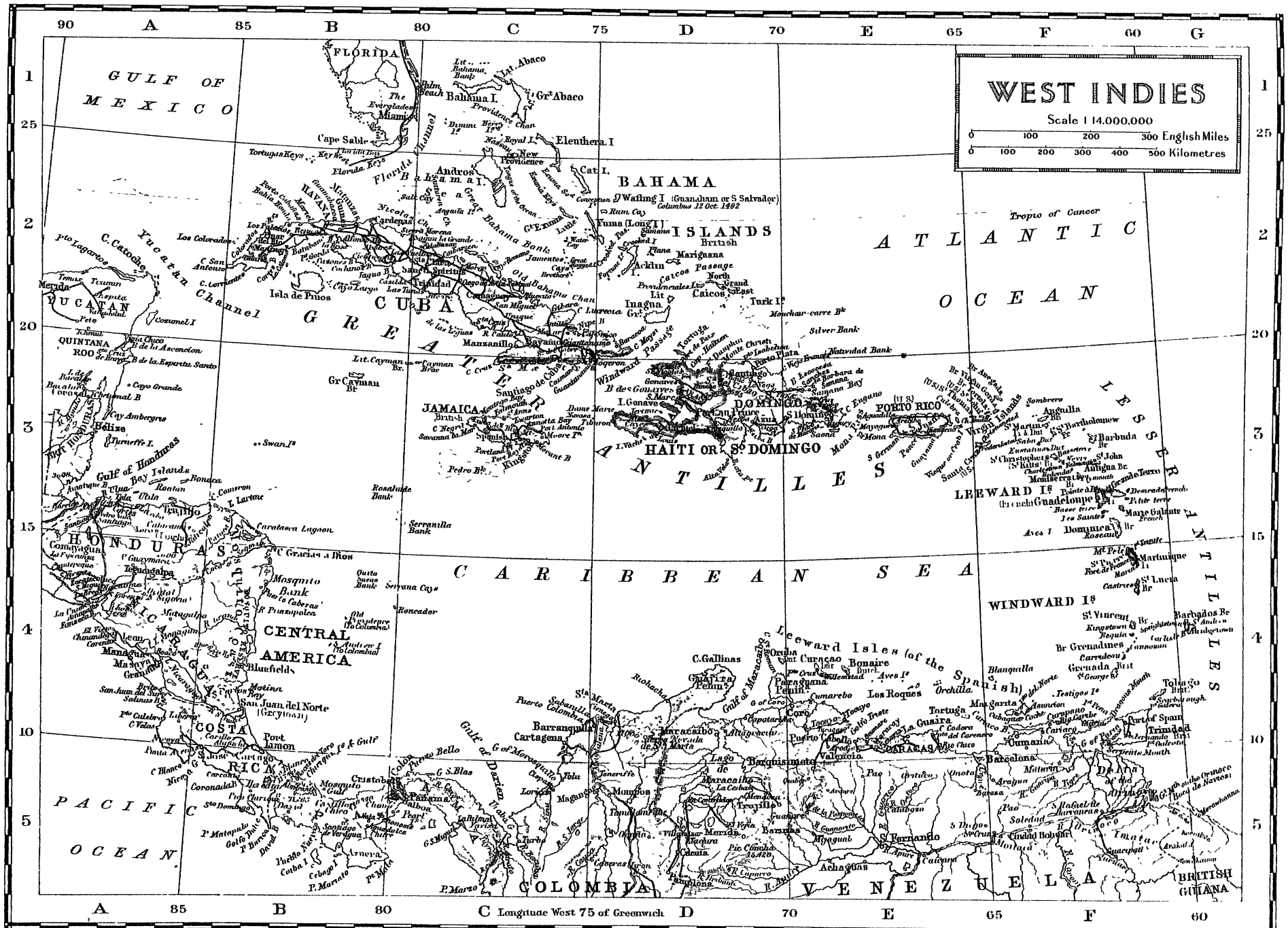

UTAH
Scale 1 2,800,000
0 10 20 30 40 50 English Miles
0 10 20 30 40 50 60 70 80 Kilometres
114 A 113 B 112 C 111 D 110 E 109
42
41
40
39
38
37
1
2
3
4
5
IDAHO
WYOMING
COLORADO
NEVADA
ARIZONA
NEW MEXICO
Great Salt Lake
Utah Lake
Sevier Lake
Salt Lake
Desert
Great Basin
Colorado Plateau
Wasatch Mts
Uinta Mts
Wasatch Range
Wasatch Plateau
Book Cliffs
Roan or Brown Cliffs
Tavaputs Plateau
Henry Mts
Abajo Mts
La Sal Mts
Navajo Mt
Kaibab Plateau
Virgin Mountains
Wolf Hole
Navajo Creek
Chinle Creek
Monticello
Blanding
Moab
Price
Vernal
Green River
Evanston
Kemmerer
Rock Springs
Manila
Duchesne
Roosevelt
Heber
Provo
Salt Lake City
Ogden
Brigham
Logan
Preston
Malad City
Paris
Randolph
Coalville
Morgan
Farmington
Tooele
Wendover
Delle
Grantsville
Lehi
Nephi
Manti
Castle Dale
Huntington
Ferron
Emery
Fillmore
Richfield
Salina
Gunnison
Redmond
Axtell
Sigurd
Aurora
Venice
Glenwood
Monroe
Joseph
Sevier
Elsinore
Annabella
Marysvale
Koosharem
Fish Lake
Loa
Fremont
Bicknell
Torrey
Teasdale
Grover
Hanksville
Caineville
Beaver
Junction
Adamsville
Greenville
Minersville
Milford
Frisco
Opal
Zenda
Morrisey
Newhouse
Solus
Uptons
Laho
Nada
Thermo
Latimer
Kerr
Hamlin Valley
Lund
Ford
Beryl
Zane
Avon
Herst
Yale
Modena
Escalante Desert
Iron Springs
Newcastle
Enterprise
Pinto
Solomons Peak
New Harmony
Central
Pine Valley
Hawkins Peak
Pintura
Gunlock
Toquerville
Leeds
Washington
Hurricane
St. George
Santa Clara
Bloomington
Dammi Mts
Virgin
Rockville
Springdale
Mt. Carmel
Orderville
Glendale
Alton
Kanarraville
Cedar City
Iron Mts
Desert Mound
Hatch
Panguitch
Parowan
Paragonah
Spry
Little Salt Lake
Summit
Enoch
Antimony
Circleville
Kingston
Junction
Angle
Widtsoe
Escalante
Boulder
Tropic
Canyon
Henrieville
Cannonville
Kanab
Fredonia
Johnson
Kaibab
Kaibab Ind Res
Skull Valley Ind Res
Goshute Ind Res
Skull Valley Ind Res
Paiute Ind Res
Paiute Reservoir
Navajo Indian Reservation
Rainbow Bridge N.M.
Natural Bridges Nat. Mon.
Dinosaur Nat. Mon.
Arches Nat. Mon.
Hovenweep Nat. Mon.
Natural Bridges Nat. Mon.
Mt Terrel 11600
Mt Hilgard 11400
Mt Peale 13087
Mt Haydon 12500
Mt Lovenia 13250
Mt Emmons 13258
Mt Carbon 11445
Elizabeth Pk 10989
Burrow Pk 12834
Gilbert Pk 12015
Mt Lena
Walsh Pk 12220
Tabby Mt
Blacktail Mt
Strawberry Res
Fruitland
Bonanza
Tabiona
Hanna
Duchesne
Myton
Midview
Arcadia
Ouray
Watson
Rainbow
Rainbow Junc
Dragon
Atchee
Sunnyside
Columbia
Wellington
Farnham
Mounds
Cedar
Grassy
Woodside
Cleveland
Elmo
Victor
Orangeville
Castledale
Clear Creek
Wattis
Darrah
Kenilworth
Harper
Canyon
Scofield
Winter Quarters
Hiawatha
Standardville
Hale
Colton
Kyune
Soldier Summit
Gilluly
Indianola
Spring City
Ephraim
Mayfield
Sterling
Morrison
Centerfield
Gunnison
Holden
Oak City
Delta
Abraham
Erwin
Hinckley
Oasis
Deseret
Harding
Scipio
McCornick
Clear Greenwood
Lake
Lynndyl
Juab
Mills
Levan
Fayette
Cedar Fort
Fairfield
Lehi
American Fork
Pleasant Grove
Orem
Provo
Springville
Mapleton
Spanish Fork
Payson
Benjamin
Santaquin
Goshen
Genola
Elberta
Eureka
Tintic
Silver City
Mammoth
Dividend
Mona
Nephi
Juab
Levan
Fountain Green
Hill Top
Oak City
Clear Creek
Stanley
Union
Scofield
Winter Quarters
Standardville
Hiawatha
Wellington
Farnham
Mounds
Cedar
Grassy
Woodside
Cleveland
Elmo
Victor
Orangeville
Castledale
Clear Creek
Wattis
Darrah
Kenilworth
Harper
Canyon
Price
Sunnyside
Columbia
Desolation Canyon
Bad Land Cliffs
Indian Canyon
Strawberry River
Duchesne River
Uinta River
Green River
Yampa River
Colorado River
San Rafael River
Dirty Devil River
Escalante River
Paria River
Virgin River
Kanab Creek
Navajo Creek
Chinle Creek
Chin Lee Creek
Recapture Creek
Montezuma Creek
Cottonwood
Westwater
Segers
Floy
Crescent
Whitehouse
Castleton
Summit Point
Monticello
Verdure
Lockerby
Blanding
Bluff
Ucolo
Lasal
Indian Creek
Hatch
Tropic
Canyon
Henrieville
Cannonville
Escalante
Boulder
Widtsoe
Panguitch
Parowan
Paragonah
Spry
Little Salt Lake
Summit
Enoch
Cedar City
Iron Springs
Newcastle
Enterprise
Pinto
Solomons Peak
New Harmony
Central
Pine Valley
Hawkins Peak
Pintura
Gunlock
Toquerville
Leeds
Washington
Hurricane
St. George
Santa Clara
Bloomington
Dammi Mts
Virgin
Rockville
Springdale
Mt. Carmel
Orderville
Glendale
Alton
Kanarraville
Iron Mts
Desert Mound
Hatch

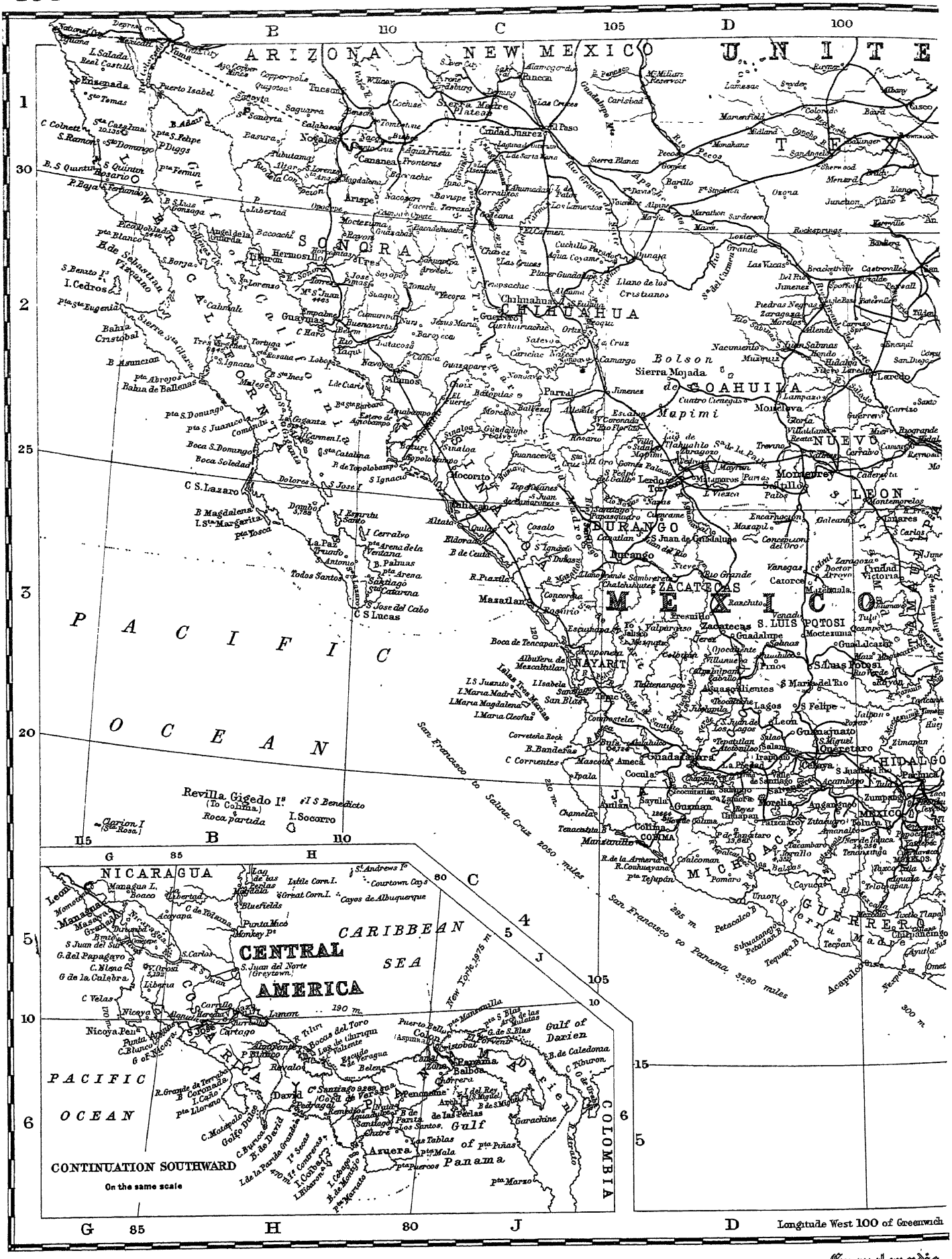

NEVADA
Scale 1 3,400,000
0 10 20 30 40 50 60 English Miles
0 10 20 30 40 50 60 70 80 90 100 Kilometres
West of 117 Greenwich
Reno
Carson City
Virginia City
Fallon
Austin
Eureka
Ely
Tonopah
Goldfield
Hawthorne
Las Vegas
Winnemucca
Elko
Lovelock
Fernley
Minden
Yerington
Markleeville
Bridgeport
Independence
Lone Pine
Madera
Fresno
Hanford
Visalia
Mariposa
Oakhurst
Coarsegold
Yosemite National Park
Sequoia Nat. Park
General Grant National Park
Death Valley
Death Valley Junc.
Pahrump
Beatty
Tonopah Junc.
Mina
Hawthorne
Schurz
Walker River Ind. Res.
Pyramid Lake Ind. Res.
Fort Mohave Ind. Res.
Moapa Ind. Res.
Lehman Caves N.M.
Great Basin National Park
Boulder City
Hoover Dam (Constr.)
Searchlight
Nelson
Chloride
Mt. Tipton 7365
Charleston Pk. 10874
Mt. Whitney 14502
Mt. Lyell 13060
Tower Peak 11,104
Disaster Pk 9400
Winnemucca Pk 6600
Mt. Blitzen
Mt. Taylor
Mt. Irish
Gold Mt.
Needle Peaks
Middle Pk.
Mt. Williams
Mt. Montgomery
Mt. Helen
Mt. Anna
Mt. Air
Mt. Lyell
Mt. Taylor
Mt. Irish
Mt. Tipton
Mt. Whitney
Mt. Williams

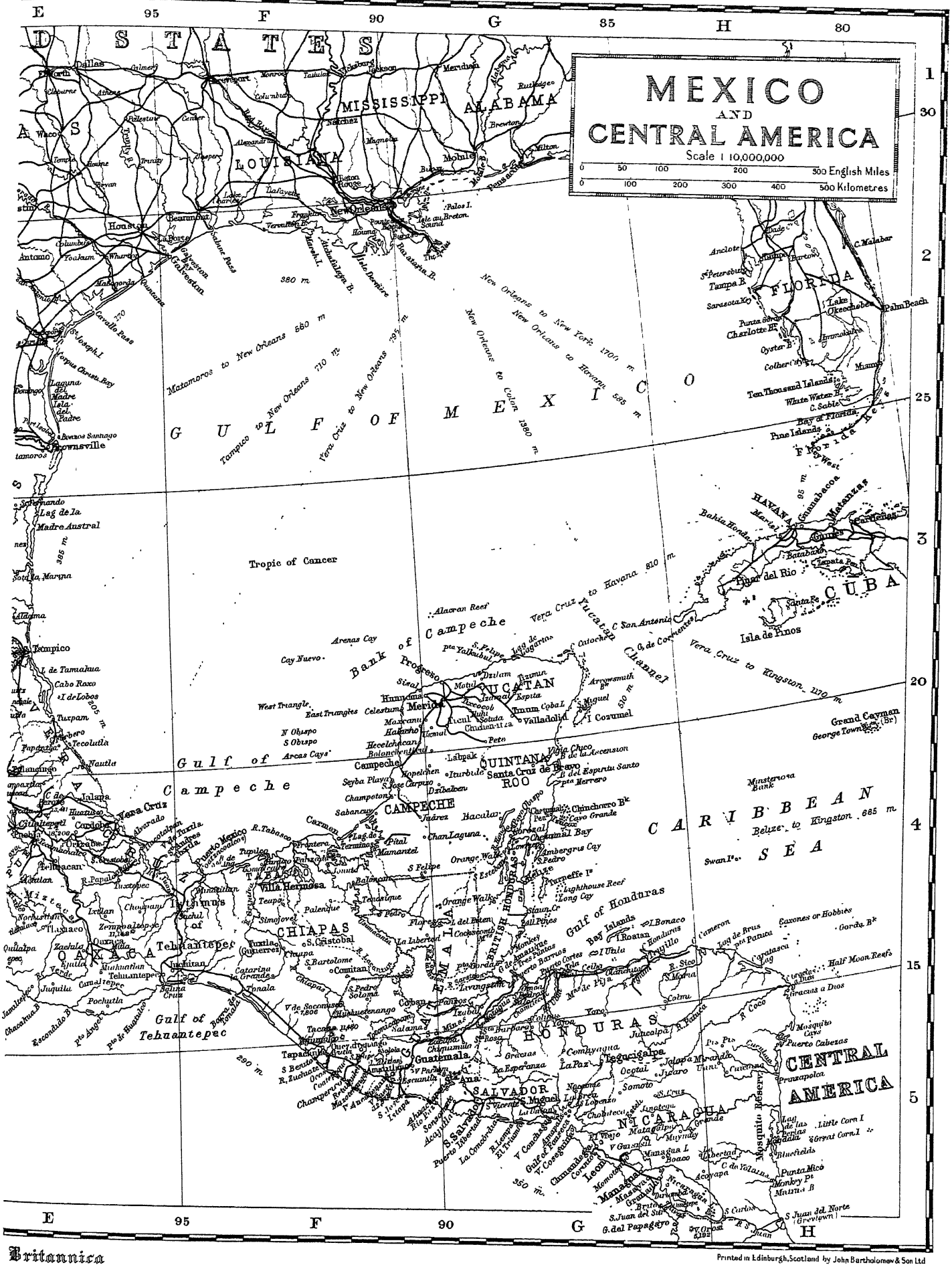

CALIFORNIA
Scale 1 3,750,000
0 10 20 30 40 50 60 70 80 English Miles
0 10 20 30 40 50 60 70 80 90 100 110 120 130 Kilometres
A
B
C
D
E
F
124
122
120
118
116
114
1
2
3
42
40
38
OREGON
NEVADA
IDAHO
Pacific Ocean
Point Delgado
Cape Mendocino
Point Arena
Point Reyes
Tomales Point
Golden Gate
Pt. Arena
Pt. Blanco
Crescent City
Eureka
Arcata
Fortuna
Ferndale
Trinidad
Fort Dick
Smith River
Gold Beach
Grants Pass
Medford
Ashland
Klamath Falls
Lakeview
Roseburg
Coquille
Marshfield
Reedsport
Coos Bay
Powers
Glendale
Waldo
Harbor
Illinois River
Rogue River
Umpqua River
Upper Klamath L.
Agency Lake
Crater Lake
Crater Lake Nat. Park
Mt. Thielsen 9175
Diamond Lake
Mt. Scott 8926
Sprague River
Williamson River
Lost River
Silver Lake
Summer Lake
Lake Abert
Alkali Lake
Grays Butte
Rams Rock
Warner Lakes
Harney L.
Malheur Lake
Steens Mts.
Guano Lake
Adel
Alvord Lake
Denio
Lawen
Dunnean
Watson
Murphy
Silver City
Jordan River
Owyhee River
Fairylawn
Riddle
Amsterdam
Oakley
Three Creek
Sawtooth Range
Salmon River
Snake River
Rowland
San Jacinto
White Peaks
Mountain City
Disaster Pk 7400
South Fork Owyhee River
Knipe Range
Quinn R.
Amos
Tuscarora
Mt Blitzen
Little Humboldt River
Independence Mts
Metropolis
Tuscano
Wells
Tecoma
Cobre
Shafter
Wendover
Elko
Winnemucca
Iron Point
Sulphur
Division Peak 8565
Massacre Lake
Upper Lake
Fairport
Ft. Bidwell
Diessner
Goose Lake
Willow Ranch
Davis Creek
Surprise
Lake City
Mud Alkali Lake
Cedarville
Alturas
Modoc Plateau
Warner Mts
Madeline Plains
Madeline
Likely
Ivy
Lower Lake
Adin
Lookout
Pittville
Dana
Bieber
Dupau
Glenburn
McArthur
Big Bend
Red Rock
Termo
Ravendale
Observation Pk
Hat Creek
Cassel
Crater Peak
Eagle Lake
Merrillville
Karlo
Standish
Wendell
Susanville
Johnstonville
Dewitt
Honey Lake
Stacy
Flanigan
Sano
Gerlach
Lassen Peak 10437
Lassen Vol. Nat. Park
Chester
Westwood
Lake Almanor
Paynes Creek
Manton
Millville
Bella Vista
Anderson
Igo
Ono
Shasta
Redding
Ingot
Whitmore
Winthrop
Pittsburg
Kennet
Lewiston
Big Bar
Trinity Center
Coffee Creek
Carrville
Castella
Dunsmuir
McCloud
Mt. Shasta 14380
Mt. Shasta
Pandosa
Slagger Creek
Canby
Pit R.
Adin
Lookout
Likely
Ivy
Lower Lake
Cedarville
Alturas
Modoc Plateau
Surprise
Lake City
Mud Alkali Lake
Massacre Lake
Upper Lake
Fairport
Ft. Bidwell
Diessner
Goose Lake
Willow Ranch
Davis Creek
Warner Lakes
Harney L.
Malheur Lake
Steens Mts.
Guano Lake
Alvord Lake
Denio
Lawen
Dunnean
Watson
Murphy
Silver City
Jordan River
Owyhee River
Fairylawn
Riddle
Amsterdam
Oakley
Three Creek
Sawtooth Range
Salmon River
Snake River
Rowland
San Jacinto
White Peaks
Mountain City
Disaster Pk 7400
South Fork Owyhee River
Knipe Range
Quinn R.
Amos
Tuscarora
Mt Blitzen
Little Humboldt River
Independence Mts
Metropolis
Tuscano
Wells
Tecoma
Cobre
Shafter
Wendover
Elko
Winnemucca
Iron Point
Sulphur
Division Peak 8565


Longitude West 120 of Greenwich
B
122
C
D
118
E
116
F
4
5
6
7
32
34
36
PACIFIC OCEAN
MEXICO
ARIZONA
MERCED
MADERA
FRESNO
KINGS
TULARE
INYO
MONTERO
SAN BENITO
SAN LUIS OBISPO
KERN
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
ORANGE
RIVERSIDE
IMPERIAL
SAN DIEGO
Death Valley
Mt. Whitney 14,501
Las Vegas
Bakersfield
Los Angeles
San Diego
Ensenada
Gulf of California
Colorado Desert
Mojave Desert
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ALASKA
Scale 1:2,000,000
50 0 50 100 150 200 250 English Miles
0 50 100 150 200 250 300 350 400 Kilometres
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Encyclopedia Britannica

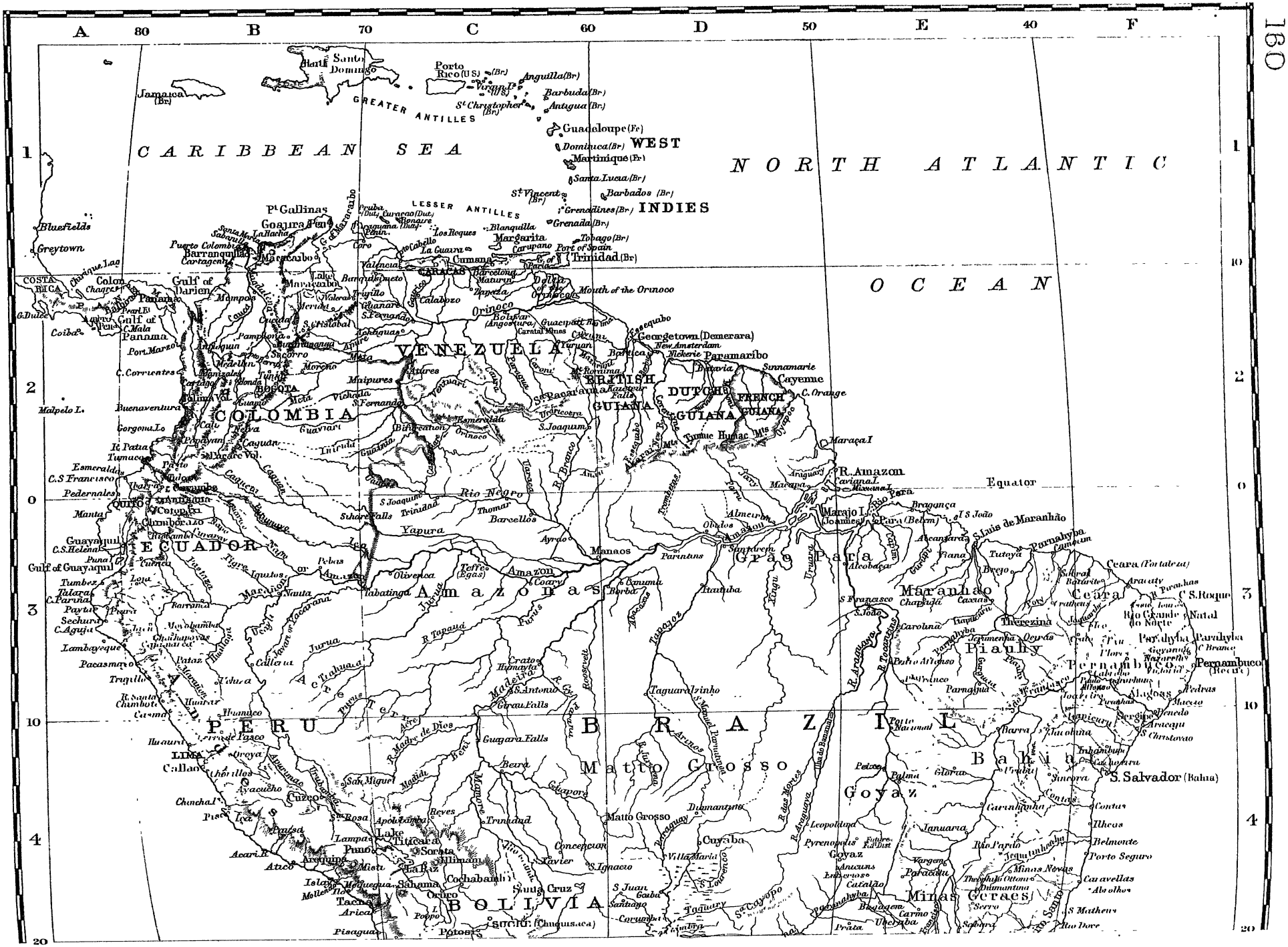

WEST INDIES
Scale 1 14,000,000
0 100 200 300 English Miles
0 100 200 300 400 500 Kilometres
GULF OF MEXICO
ATLANTIC OCEAN
CARIBBEAN SEA
PACIFIC OCEAN
FLORIDA
BAHAMA ISLANDS
CUBA
JAMAICA
HAITI OR St. DOMINGO
PORTO RICO
LESSER ANTILLES
LEEWARD Is
WINDWARD Is
Leeward Islands (of the Spanish)
Windward Passage
Yucatan Channel
Florida Channel
Old Bahama Chan.
Great Bahama Bank
Tropic of Cancer
YUCATAN
HONDURAS
NICARAGUA
COSTA RICA
CENTRAL AMERICA
COLOMBIA
VENEZUELA
BRITISH GUIANA
Longitude West 75 of Greenwich
Encyclopaedia Britannica
Printed in Edinburgh, Scotland by John Bartholomew & Son Ltd

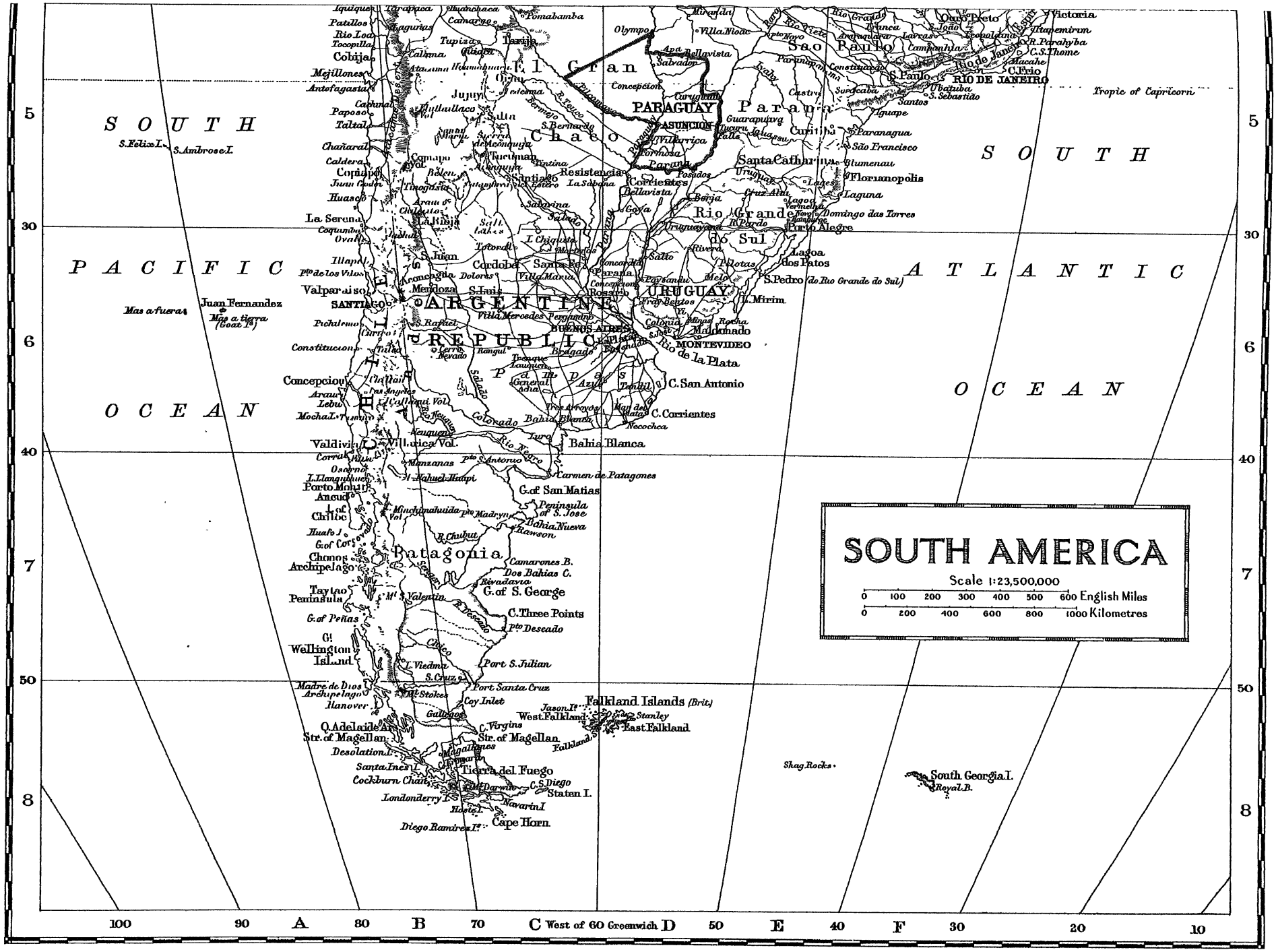

ARIZONA
NEW MEXICO
U N I T E
T E
SONORA
CHIHUAHUA
Bolson de COAHUILA
Sierra Mojada
Mapimi
NUEVO LEON
DURANGO
ZACATECAS
MEXICO
S. LUIS POTOSI
NAYARIT
HIDALGO
MEXICO
MICHOACAN
GUERRERO
OAXACA
COLIMA
PACIFIC OCEAN
CALIFORNIA
GULF OF CALIFORNIA
Revilla Gigedo Is
(To Colima.)
Roca partida
I. Socorro
I S Benedicto
Clarion I
(Sta Rosa.)
San Francisco to Salina Cruz 2050 miles
San Francisco to Panama 3290 miles
New York 1975 m
190 m
300 m
CARIBBEAN SEA
CENTRAL AMERICA
NICARAGUA
COSTA RICA
PANAMA
Gulf of Darien
COLOMBIA
CONTINUATION SOUTHWARD
On the same scale
Longitude West 100 of Greenwich

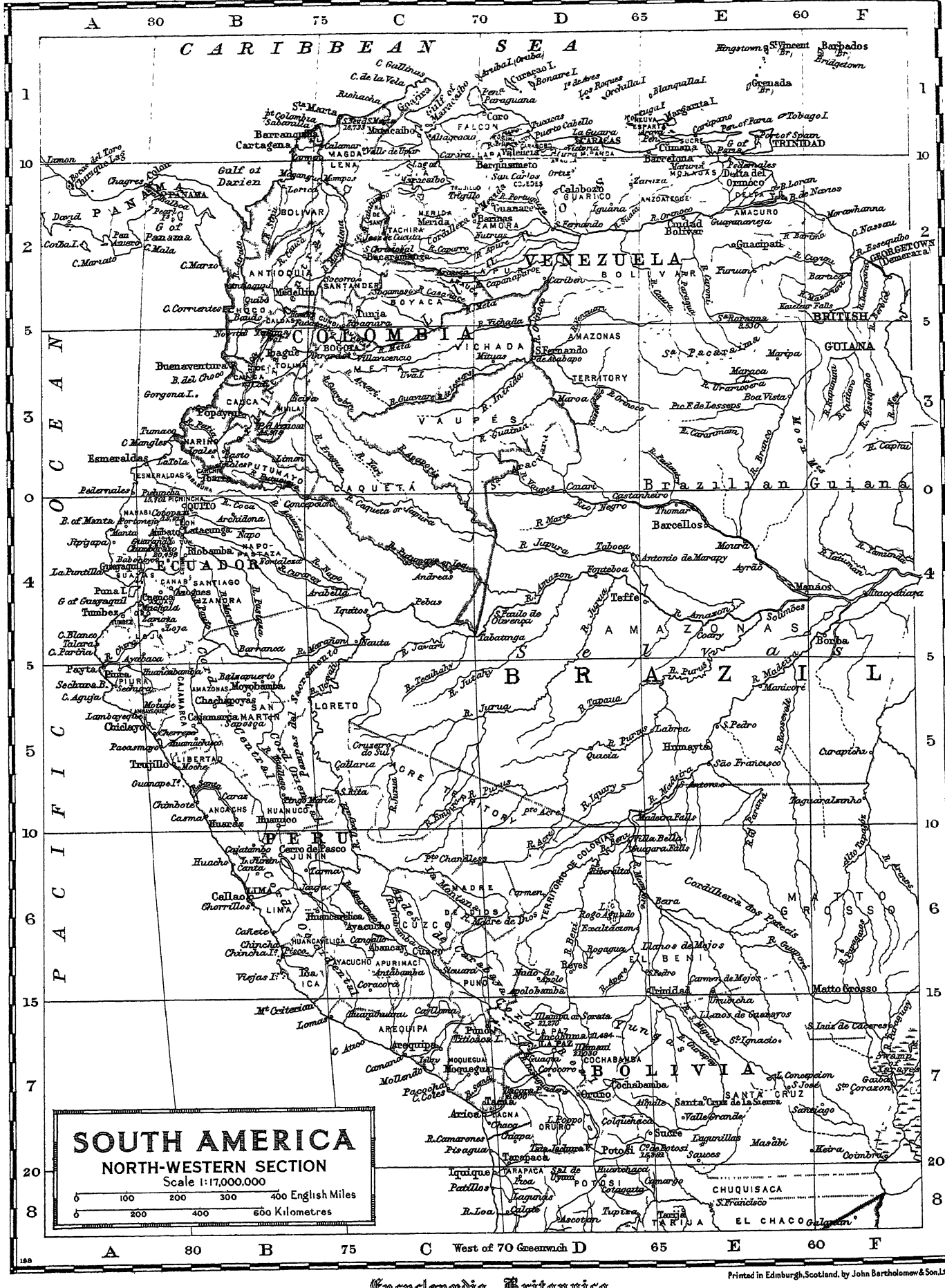


Britannica

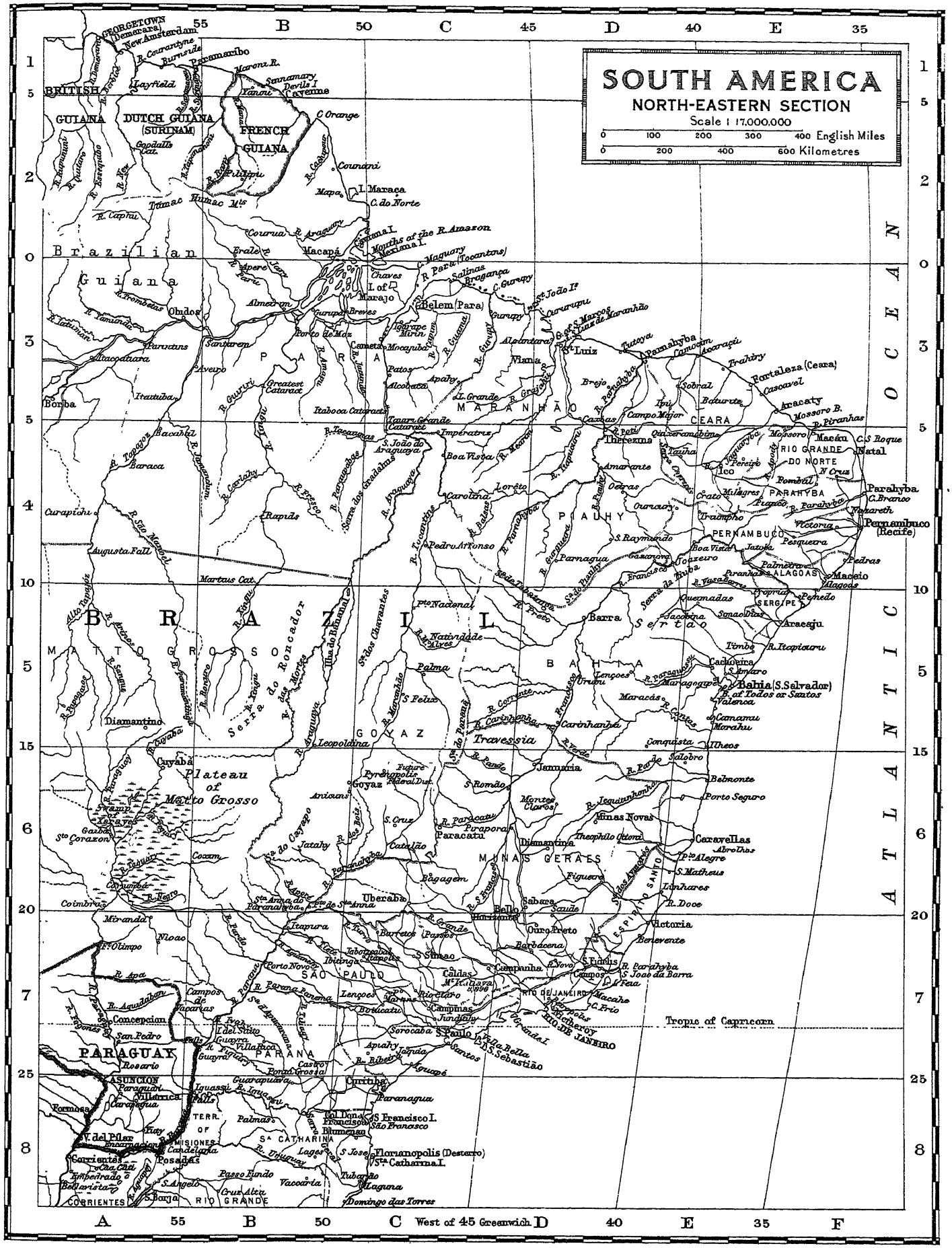
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A
80
B
70
C
60
D
50
E
40
F
1
2
3
4
10
20
CARIBBEAN SEA
NORTH ATLANTIC OCEAN
GREATER ANTILLES
LESSER ANTILLES
WEST INDIES
Haiti Santo Domingo
Porto Rico (U.S.)
Jamaica (Br.)
Anguilla (Br.)
Barbuda (Br.)
Antigua (Br.)
St. Christopher (Br.)
Guadeloupe (Fr.)
Dominica (Br.)
Martinique (Fr.)
Santa Lucia (Br.)
St. Vincent (Br.)
Barbados (Br.)
Grenadines (Br.)
Grenada (Br.)
Tobago (Br.)
Trinidad (Br.)
Margarita
Blanquilla
Los Roques
Aruba
Curaçao (Dut.)
Bonaire
Maracaibo
Gulf of Maracaibo
Pt. Gallinas
Goajira Pen.
Bluefields
Greytown
Barranquilla
Cartagena
Puerto Colombia
La Hacha
Santa Marta
Sabanilla
Coro
La Guaira
Caracas
Cumana
Pt. Paria
Gulf of Paria
Port of Spain
Valencia
Barquisimeto
Maturin
Barcelona
Delta of the Orinoco
Mouth of the Orinoco
Trujillo
Merida
Valera
Barinas
Calabozo
Orinoco
Bolivar (Angostura)
Guacipati
Caratal Mines
Upata
Guasqueti R.
Essequibo
Georgetown (Demerara)
New Amsterdam
Mickerie
Paramaribo
Berbice
Surinam
Cayenne
C. Orange
Costa Rica
Colon
Chagres
Gulf of Darien
Panama
Gulf of Panama
Pearl Is.
Chiriqui L.
G. Dulce
Coiba
C. Mala
Mompox
Magdalena
Cauca
Medellin
Manizales
Honda
Cartago
Bogota
Tunja
Pamplona
Bucaramanga
Socorro
Velez
Moreno
Mata
Antares
Maipures
Atures
Port Marzo
Antioquia
C. Corrientes
Buenaventura
Malpelo I.
Cali
Neiva
Popayan
Almaguer
Pasto
Tumaco
Esmeraldas
C. S. Francisco
Pedernales
Quito
Ambato
Cotopaxi
Chimborazo
Manta
Guayaquil
C. S. Helena
Gulf of Guayaquil
Puna I.
Tumbez
Talara
C. Parina
Paita
Piura
Sechura
C. Aguja
Lambayeque
Pacasmayo
Truxillo
Chimbote
C. Santo
Huanchaco
Carmen
Huanuco
Huacho
Callao
Lima
Chorillos
Pisco
Ica
Chincha I.
Ayacucho
Cuzco
Urubamba
Huaura
Oroya
Tarma
Jauja
Huancayo
Pt. Pasco
Chanchamayo
Perene
Ucayali
Pachitea
Pozuzo
Mayro
Huallaga
Tarapoto
Moyobamba
Chachapoyas
Utcubamba
Jaen
Bagua
Tabatinga
Loreto
Iquitos
Pebas
Nauta
Barrancas
Marañon
Napo
Putumayo
Iça
Japura
Caqueta
Yapura
Rio Negro
Solimões
Amazon
Teffe (Egas)
Coary
Manaos
Barcellos
Thomar
Trinidad
S. Joaquim
Share Falls
Yavita
Atabapo
Guaviare
Inirida
Guainia
Cassiquiare
Orinoco
Bifurcation
Esmeralda
Maipures
Atures
Meta
Vichada
S. Fernando
Arauca
Casanare
Pamplona
Bucaramanga
Apure
Zaraguro
Barquisimeto
Tocuyo
Portuguesa
Araguary
Araguaya
Tocantins
Rio Branco
Tacutu
Parima
Mts. Tumuc Humac
Mts. Acaray
Falls
Caroni
Cuyuni
Mazaruni
Barima
Amacura
Aruca
Pomeroon
Moruca
Waini
Barima
Maraça I.
R. Amazon
Cavianna I.
Mexiana I.
Equator
Rio Para
Marajo I. (Joannes I.)
Para (Belem)
Bragança
I. S. João
S. Luis de Maranhão
Tutoya
Alcantara
Guaripi
Viana
Alcobaça
Brejo
Parnahyba
Caxias
Chapada
S. Francisco
S. João
Carolina
Therezina
Jaicos
Jaguaribe
Ceara (Fortaleza)
Aracaty
Ceara
Rio Grande do Norte
Natal
C. S. Roque
Parahyba
C. Branco
Pernambuco (Recife)
Olinda
Alagoas
Maceio
Penedo
Sergipe
Aracaju
S. Christovão
Barra
Jacobina
Inhambupe
Cachoeira
S. Salvador (Bahia)
Ilheos
Contas
Belmonte
Porto Seguro
Caravellas
Abrolhos
S. Matheus
Rio Doce
Minas Novas
Minas Geraes
Serro
Sabara
Uberaba
Prata
Paracatu
Vargem
Anicuns
Catalão
Goyaz
Leopoldina
Pyrenopolis
Future La Dist.
Januaria
Rio Parnaiba
Jequitinhonha
Diamantina
Theophilo Ottoni
Mato Grosso
Cuyaba
Villa Maria
Diamantino
Concepcion
Xavier
S. Ignacio
S. Lourenco
S. Juan Gaiba
Santiago
Corumba
Taquary
S. Coyopo
Miranda
Aquidauana
Nabileque
Paraguay
Pilcomayo
Bermejo
Tarija
Oruro
Cochabamba
Santa Cruz
Sahama
Tacna
Arica
Poopo
Sucre (Chuquisaca)
Potosi
Pisagua
Iquique
Mollendo
Arequipa
Puno
Lake Titicaca
Sorata
La Paz
Illimani
Reyes
Trinidad
Mamore
Madeira
Beni
Guapore
Guajara Falls
Araguaya
Tapajoz
Xingu
Tocantins
Pará
Maranhão
Piauhy
Ceará
Pernambuco
Goyaz
Matto Grosso
Minas Geraes
Bahia
PERU
BRAZIL
BOLIVIA
COLOMBIA
ECUADOR
VENEZUELA
BRITISH GUIANA
DUTCH GUIANA
FRENCH GUIANA
Amazonas

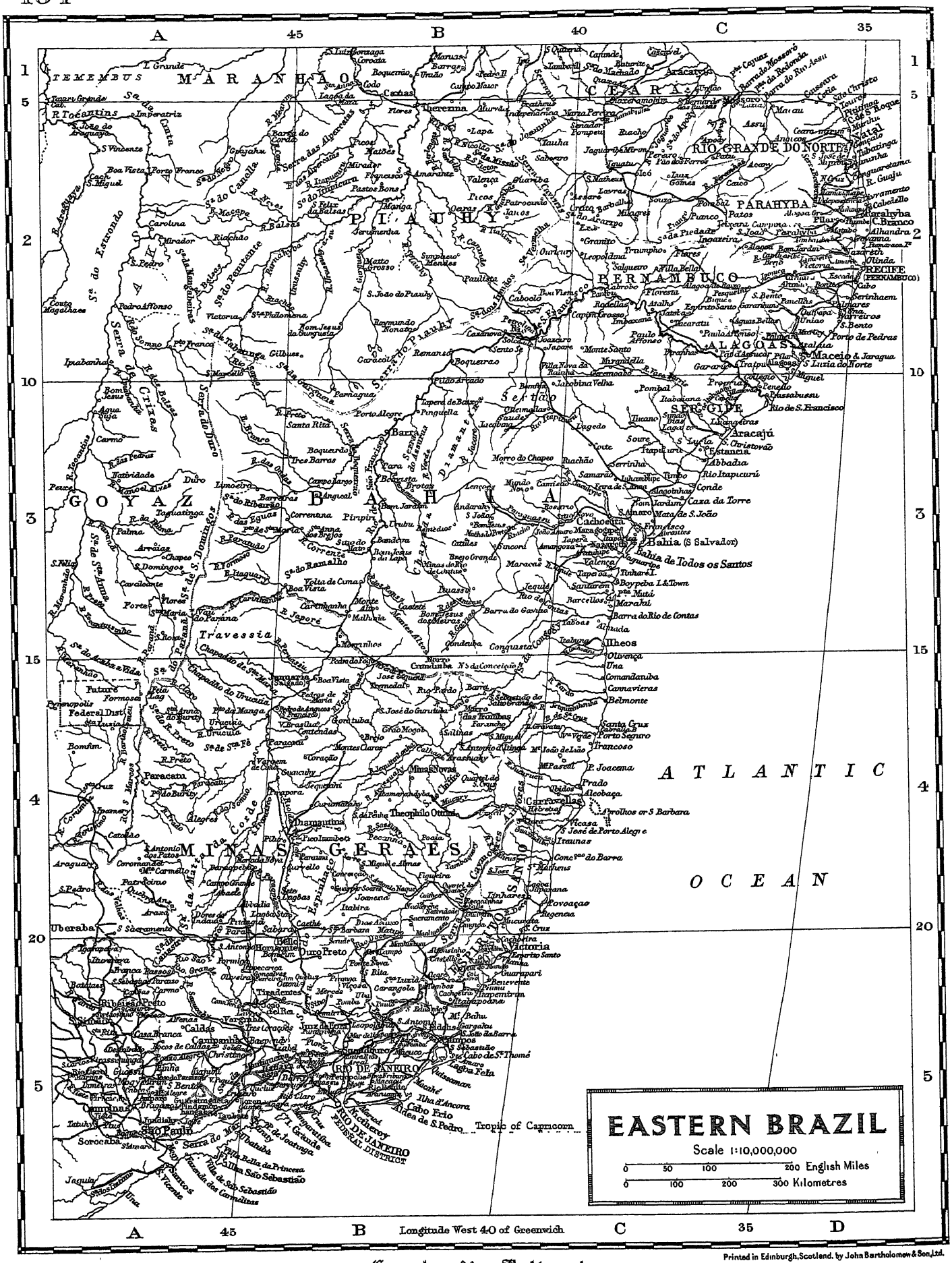

SOUTH AMERICA
Scale 1:23,500,000
0 100 200 300 400 500 600 English Miles
0 200 400 600 800 1000 Kilometres
PACIFIC OCEAN
ATLANTIC OCEAN
CHILE
REPUBLIC
ARGENTINE
El Gran Chaco
PARAGUAY
URUGUAY
Patagonia
Tierra del Fuego
Falkland Islands (Brit)
Tropic of Capricorn
A B C West of 60 Greenwich D E F
100 90 80 70 50 40 30 20 10
5 30 40 50 6 7 8



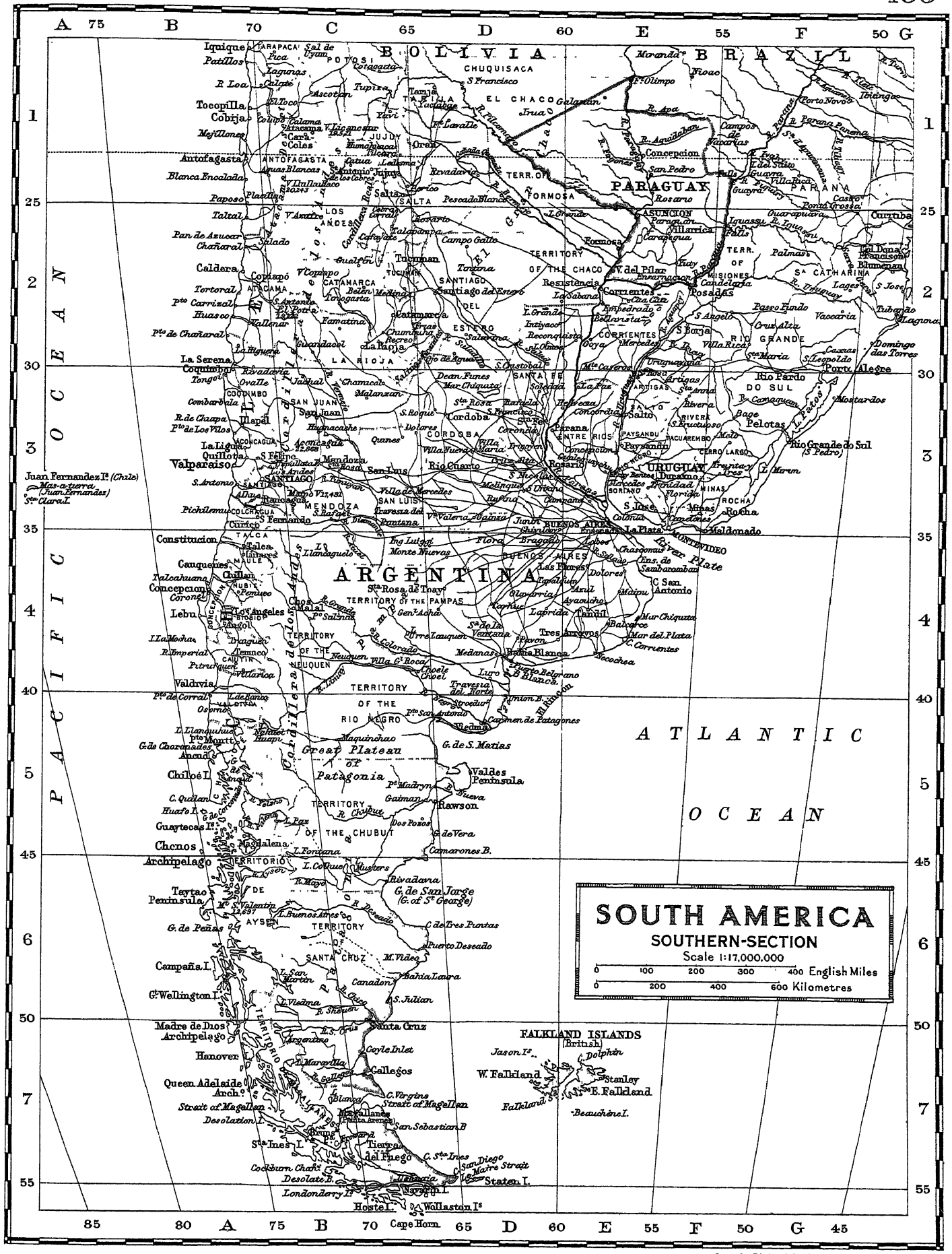
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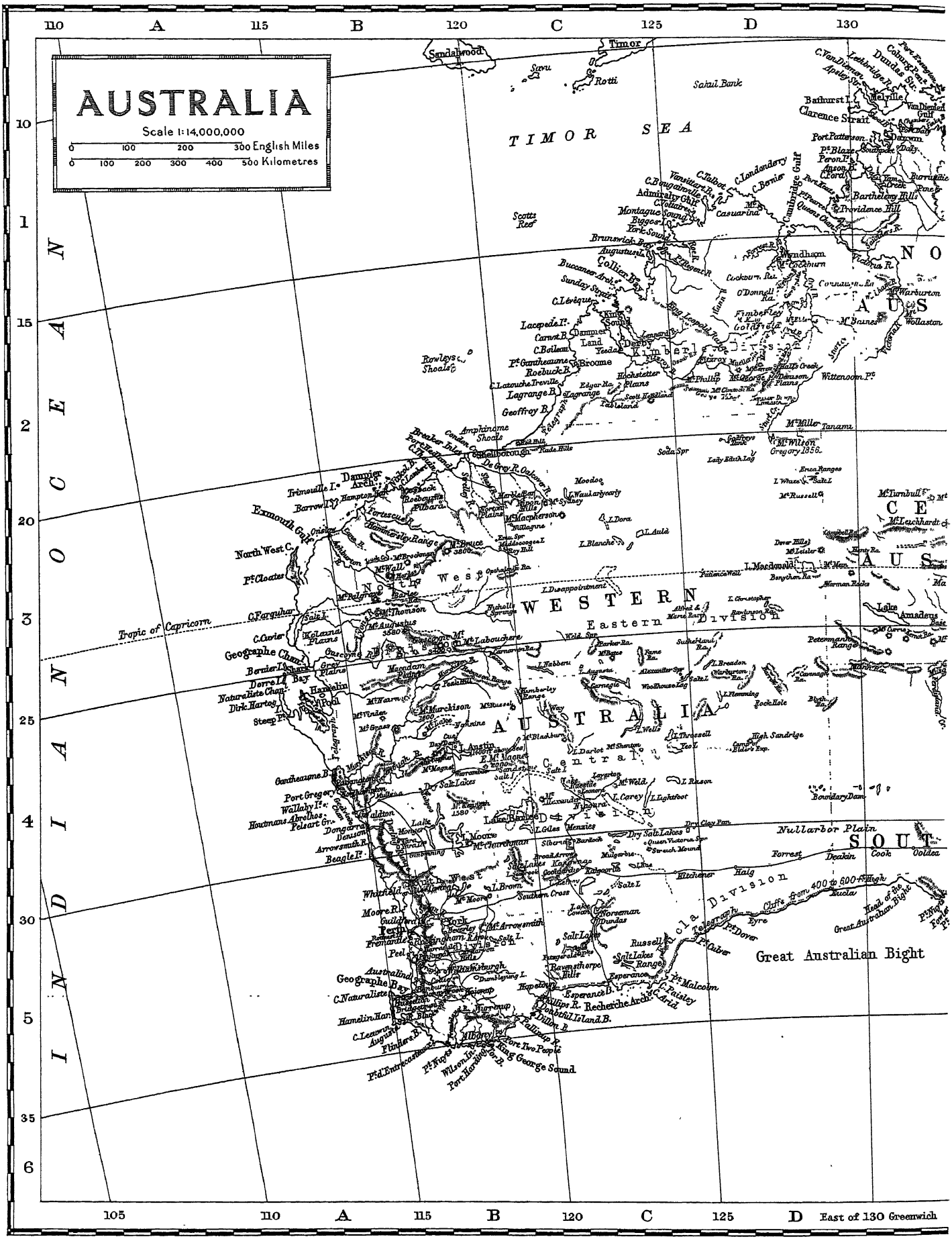
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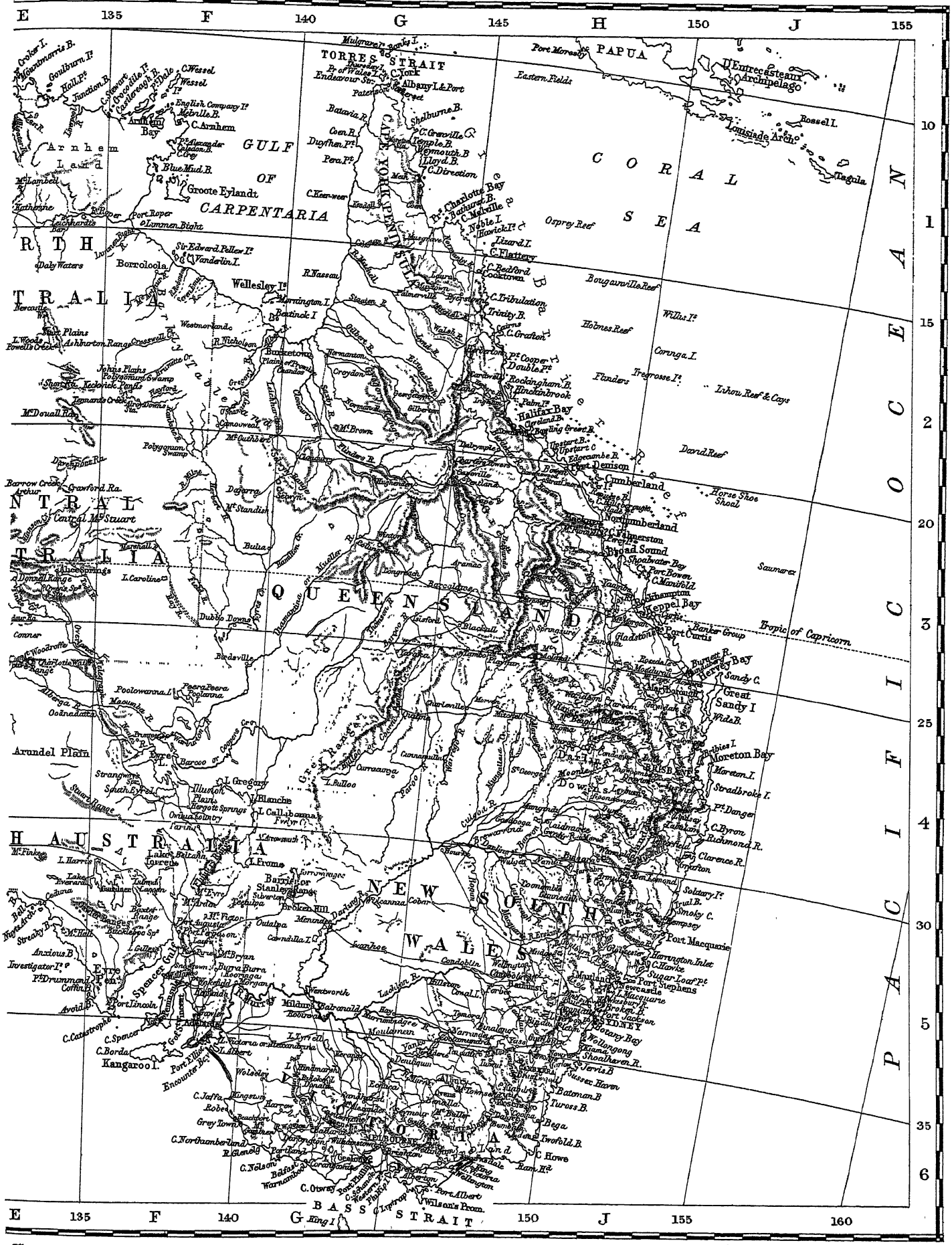


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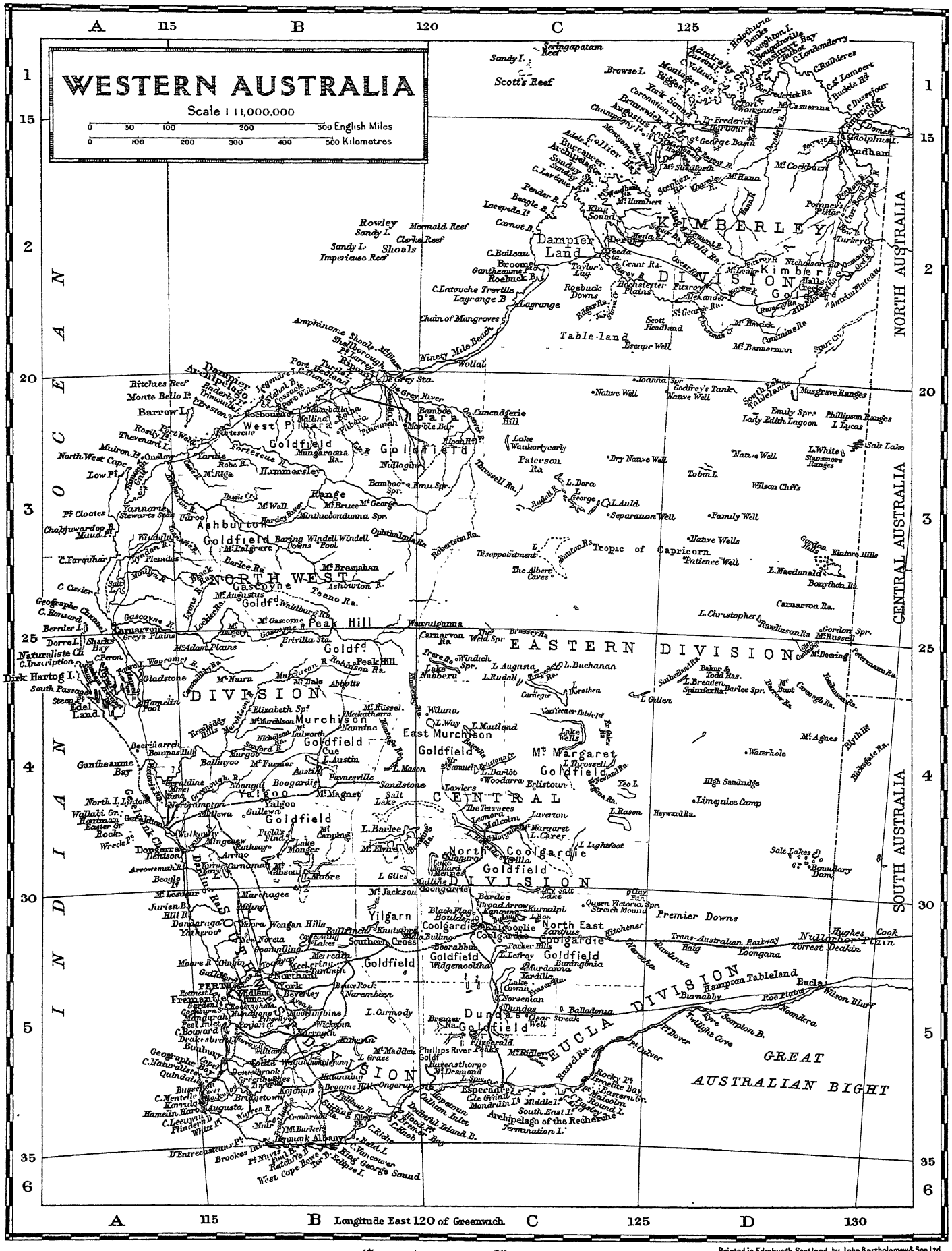


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AUSTRALIA
Scale 1:14,000,000
0 100 200 300 English Miles
0 100 200 300 400 500 Kilometres
110 A 115 B 120 C 125 D 130
105 110 A 115 B 120 C 125 D East of 130 Greenwich
10 1 15 2 20 3 25 4 30 5 35 6
INDIAN OCEAN
TIMOR SEA
Great Australian Bight
Tropic of Capricorn
WESTERN AUSTRALIA
NORTHERN TERRITORY
SOUTH AUSTRALIA
Eastern Division
Central Division
Western Division
Timor
Sandalwood
Scott Reef
Ashmore Reefs
Cartier I.
Browse I.
Rowley Shoals
Scarborough Shoals
Amphinome Shoals
Dampier Archipelago
Barrow I.
Exmouth Gulf
North West C.
Pt. Cloates
Shark Bay
Geographe Chan.
Dorre I.
Bernier I.
Dirk Hartog I.
Hamelin Pool
Steep Pt.
Naturaliste Chan.
Geographe Bay
Flinders Bay
Hamelin Bay
C. Leeuwin
C. Naturaliste
Pt. d'Entrecasteaux
Pt. Hugh
Wilson Inlet
Port Two Peoples
King George Sound
Port Gregory
Wallaby Is.
Houtmans Abrolhos
Pelsart Gr.
Beagle Is.
Arrowsmith R.
Moore R.
Whitfield R.
Hutt R.
Gascoyne R.
Lyndon R.
Minilya R.
Ashburton R.
Fortescue R.
Robe R.
Harding R.
Sherlock R.
Maitland R.
Oakover R.
De Grey R.
Turner R.
Roebuck B.
Carnot B.
Lacepede Is.
Bedout I.
Scott Reef
Rowley Shoals
Sahul Bank
Timor
Roti
Savu
Melville
Bathurst I.
Clarence Strait
Van Diemen Gulf
Port Patterson
Pt. Blaze
Peron Is.
Anson B.
Cape Ford
Port Keats
Bynoe Harbour
Darwin
Daly
Bartheleny Hills
Providence Hill
Queens Channel
Admiralty Gulf
Montague Sound
Bigge I.
York Sound
Brunswick Bay
Augustus I.
Collier Bay
Buccaneer Archipelago
Sunday Strait
C. Levêque
King Sound
Derby
Broome
Roebuck Plains
Yeeda
Liveringa
Fitzroy
Napier Broome Bay
Camden Harbour
Prince Regent R.
Mitchell Plateau
Kimberley Plateau
Wyndham
Victoria R.
Ord R.
Lake Argyle
Lake Kununurra
Cockburn Ra.
O'Donnell Ra.
Durack Ra.
Ruby Plains
Fitzroy Crossing
Halls Creek
Tanami
Gregory 1856
Lake Gregory
Sturt Creek
Denison Plains
Wittenoom Pt.
Lagrange
Edgar Ra.
Scott Highland
Tableland
Geoffrey B.
Lacepede Is.
Carnot B.
C. Bossut
C. Latouche Treville
Pt. Gantheaume
C. Boileau
Roebuck B.
Lagrange B.
Hochstetter Plains
Mt. Phillips
Mt. George
Mt. Baines
Wollaston
Warburton
Mt. Miller
Mt. Wilson
Soda Spr.
Lady Edith Lag.
Erica Ranges
L. Whaze
Mt. Russell
McTurnbull Ra.
Mt. Leichhardt
Dover Hills
Mt. Leister
Hann Ra.
L. Macdonald
Mt. Mein
Bentham Ra.
Mt. Christopher
Rawlinson Ra.
Lake Amadeus
Petermann Ranges
Mt. Conner
Lorna Ra.
Mt. Olga
Mt. Augustus
Mt. Labouchere
Wild Spr.
Barker Ra.
Sunset Hand Ra.
Fame Ra.
Mt. Bruce
Addoo Range
Mt. Macpherson
Millagine
Mt. Brockman
Mt. Wall
Hardey Range
Ophthalmia Ra.
Prince Regent Ra.
Mt. Pierce
Mt. Barrow
Mt. Sandiman
Mt. Robinson
Mt. Meharry
Mt. Bruce
Mt. Vernon
Mt. Grace
Mt. Marchison
Mt. Russell
Mt. Blackburn
Mt. Weld
Mt. Alexander
Mt. Magnet
Mt. Churchman
Mt. Moore
Mt. Arrowsmith
Mt. Barker
Mt. Manypeaks
Mt. Lindsay
Mt. Ragged
Mt. Ney
Mt. Hassell
Mt. Melville
Mt. Clarence
Mt. Gardner
Mt. Lesueur
Mt. Peron
Mt. Eliza
Mt. Eliza
Mt. Hay
Mt. Barren
Mt. Manypeaks
Mt. Lindsay
Mt. Ragged
Mt. Ney
Mt. Hassell
Mt. Melville
Mt. Clarence
Mt. Gardner
Mt. Lesueur
Mt. Peron



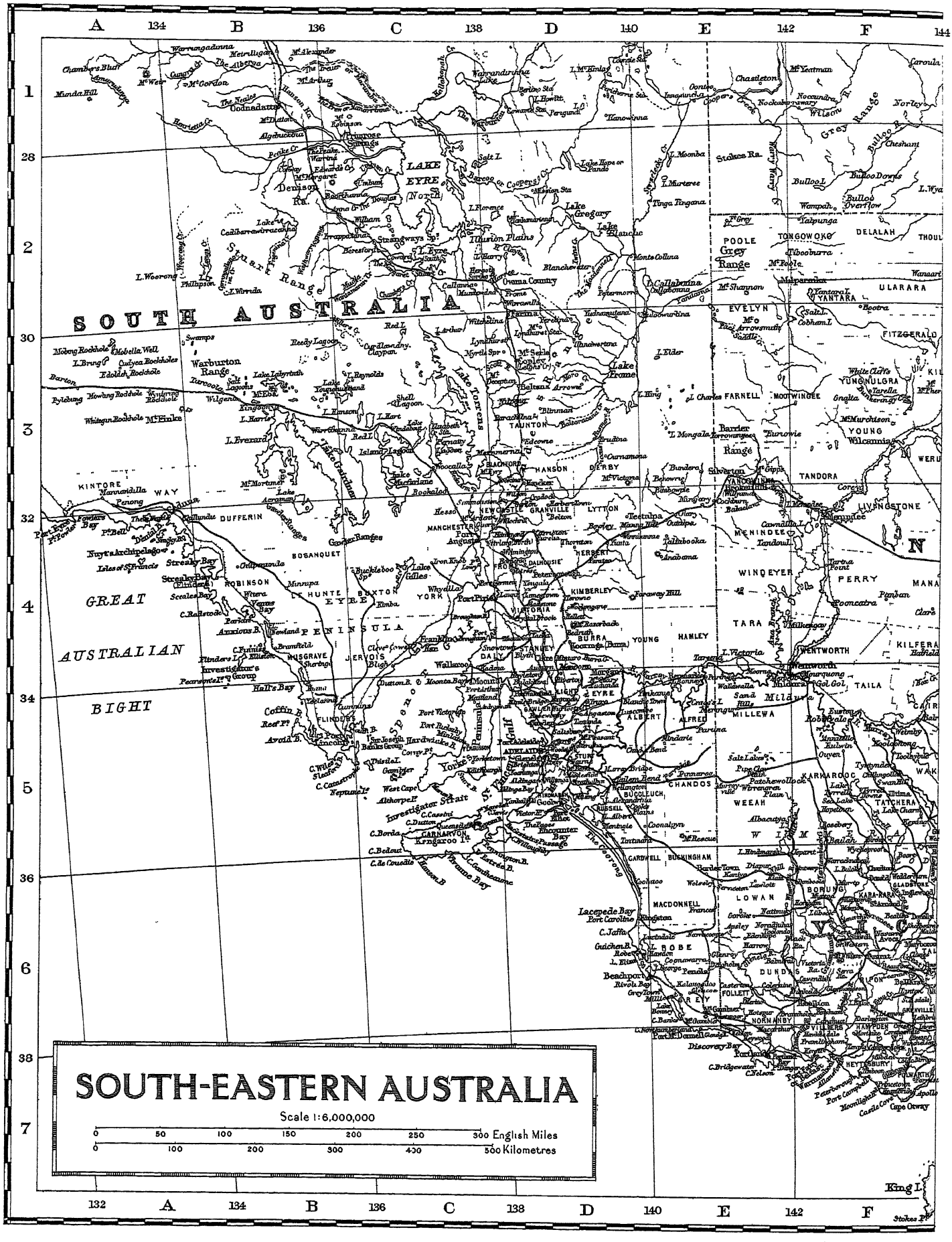
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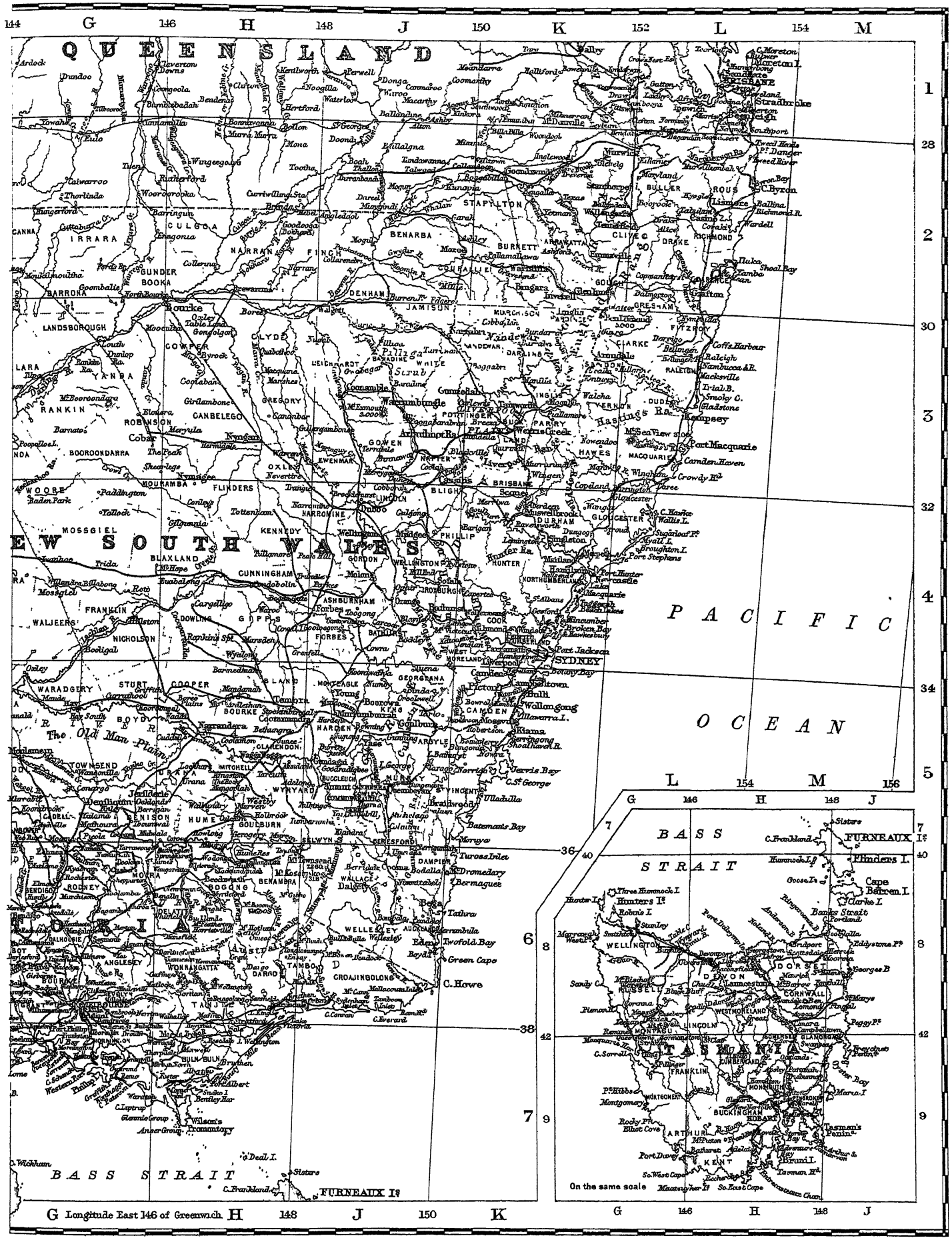

WESTERN AUSTRALIA
Scale 1 11,000,000
0 50 100 200 300 English Miles
0 100 200 300 400 500 Kilometres
A 115 B 120 C 125
1 15 2 20 3 25 4 30 5 6
INDIAN OCEAN
NORTH AUSTRALIA
CENTRAL AUSTRALIA
SOUTH AUSTRALIA
Dampier Land
KIMBERLEY DIVISION
Table-land
Dampier Archipelago
West Pilbara Goldfield
Pilbara Goldfield
Ashburton Goldfield
NORTH WEST DIVISION
Gascoyne Goldfield
Peak Hill Goldfield
EASTERN DIVISION
Murchison Goldfield
East Murchison Goldfield
Mt Margaret Goldfield
CENTRAL DIVISION
North Coolgardie Goldfield
Yilgarn Goldfield
Coolgardie Goldfield
North East Coolgardie Goldfield
Dundas Goldfield
EUCLA DIVISION
GREAT AUSTRALIAN BIGHT
Tropic of Capricorn
Longitude East 120 of Greenwich
Encyclopaedia Britannica
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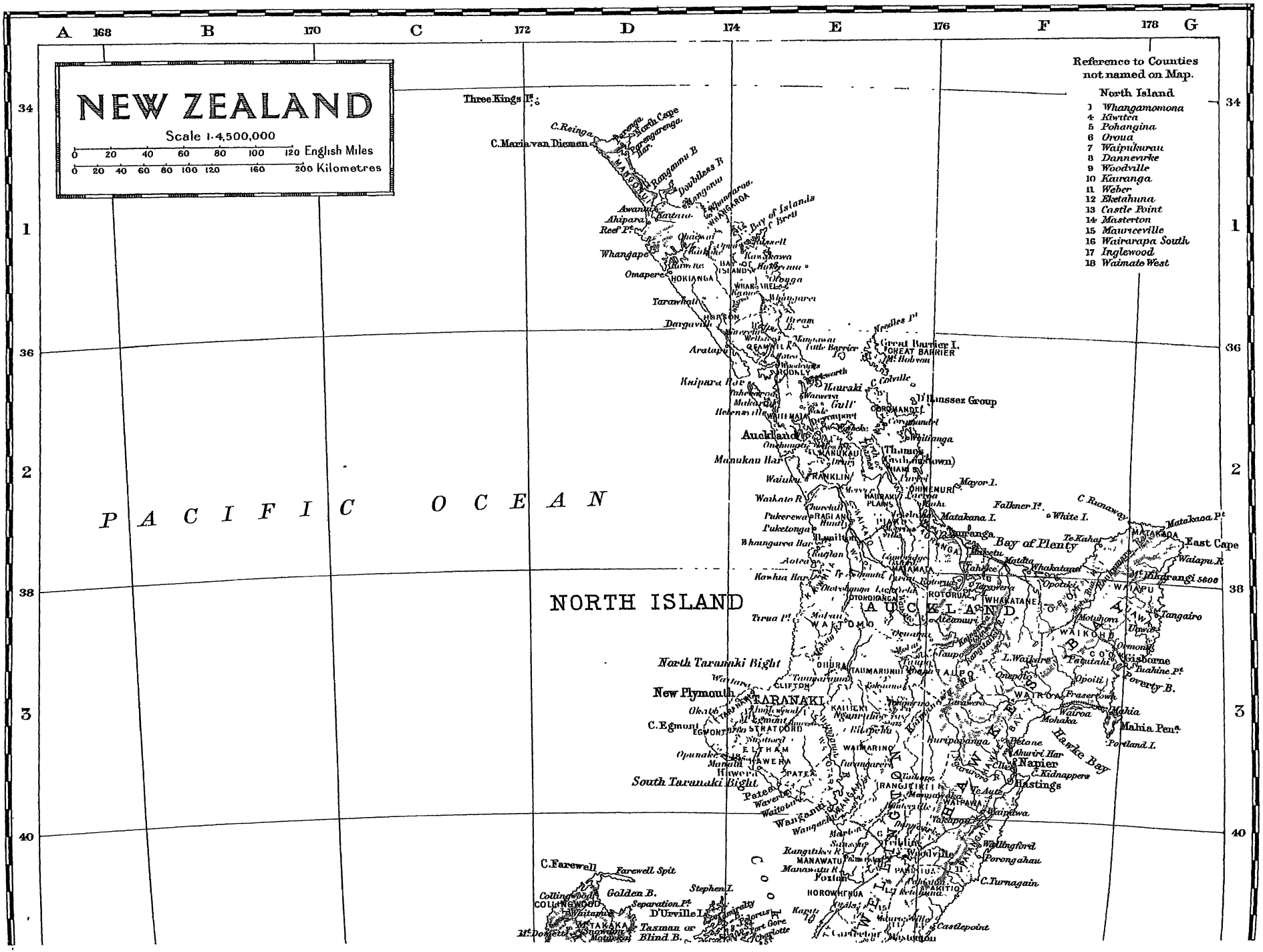


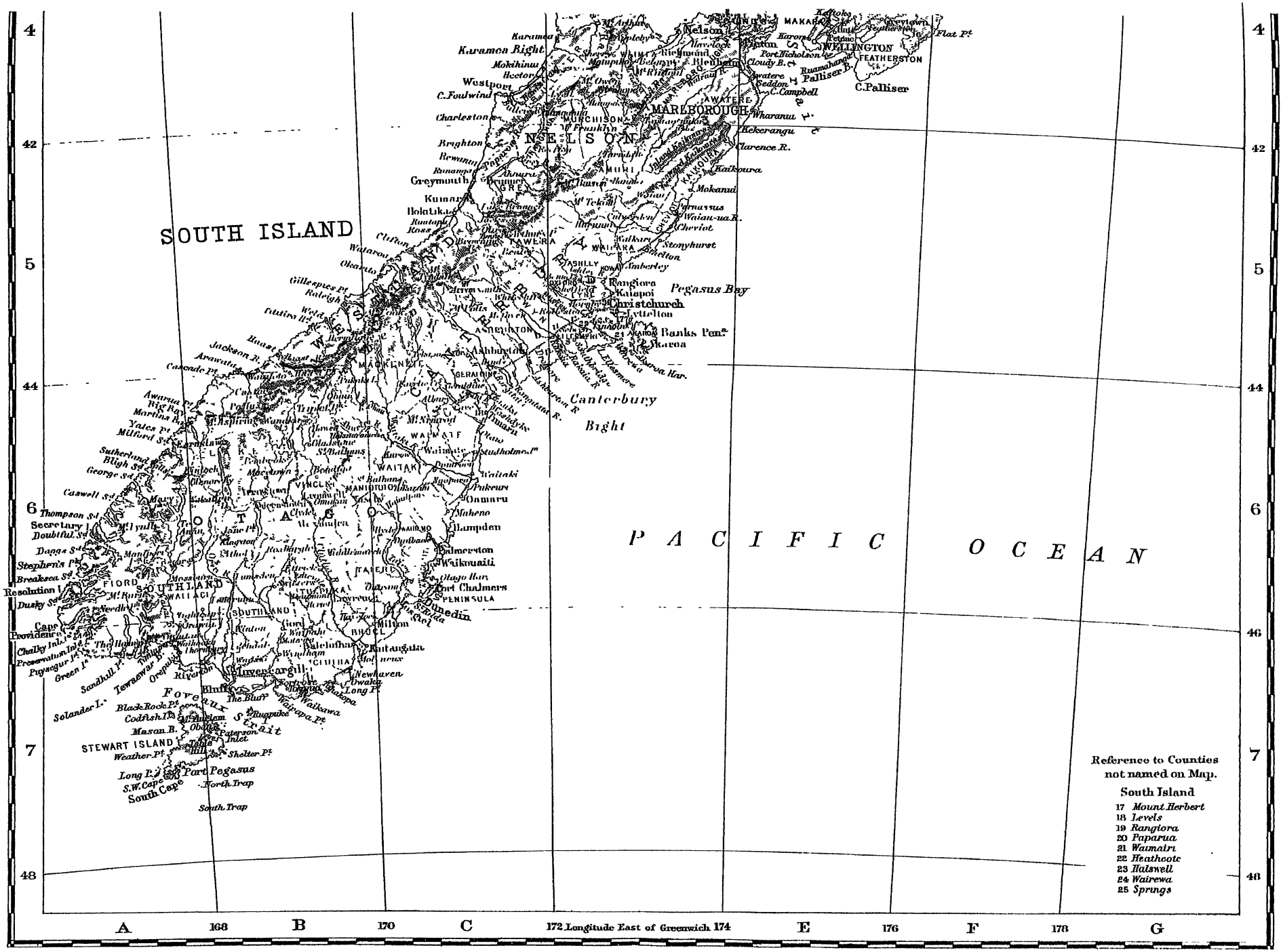
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SOUTH AUSTRALIA
LAKE EYRE (North)
Lake Eyre (South)
Lake Frome
Lake Torrens
Lake Gregory
Lake Blanche
Lake Callabonna
Lake Gairdner
Lake Hope or Pando
Lake Macumba
Lake Labyrinth
Lake Yamma Yamma
Lake Bathurst
Lake Everard
Lake Harris
Lake Hart
Lake Gardiner
Lake Torrens
Lake Macfarlane
Lake Young
Lake Reynolds
Lake Frances
Lake Wangary
Lake Hamilton
Lake Bonney
Lake Albert
Lake Alexandrina
Lake Victoria
Lake Bonney
Lake Fellmongery
Lake Hawdon
Lake Callabonna
Lake Elder
Lake Hawdon

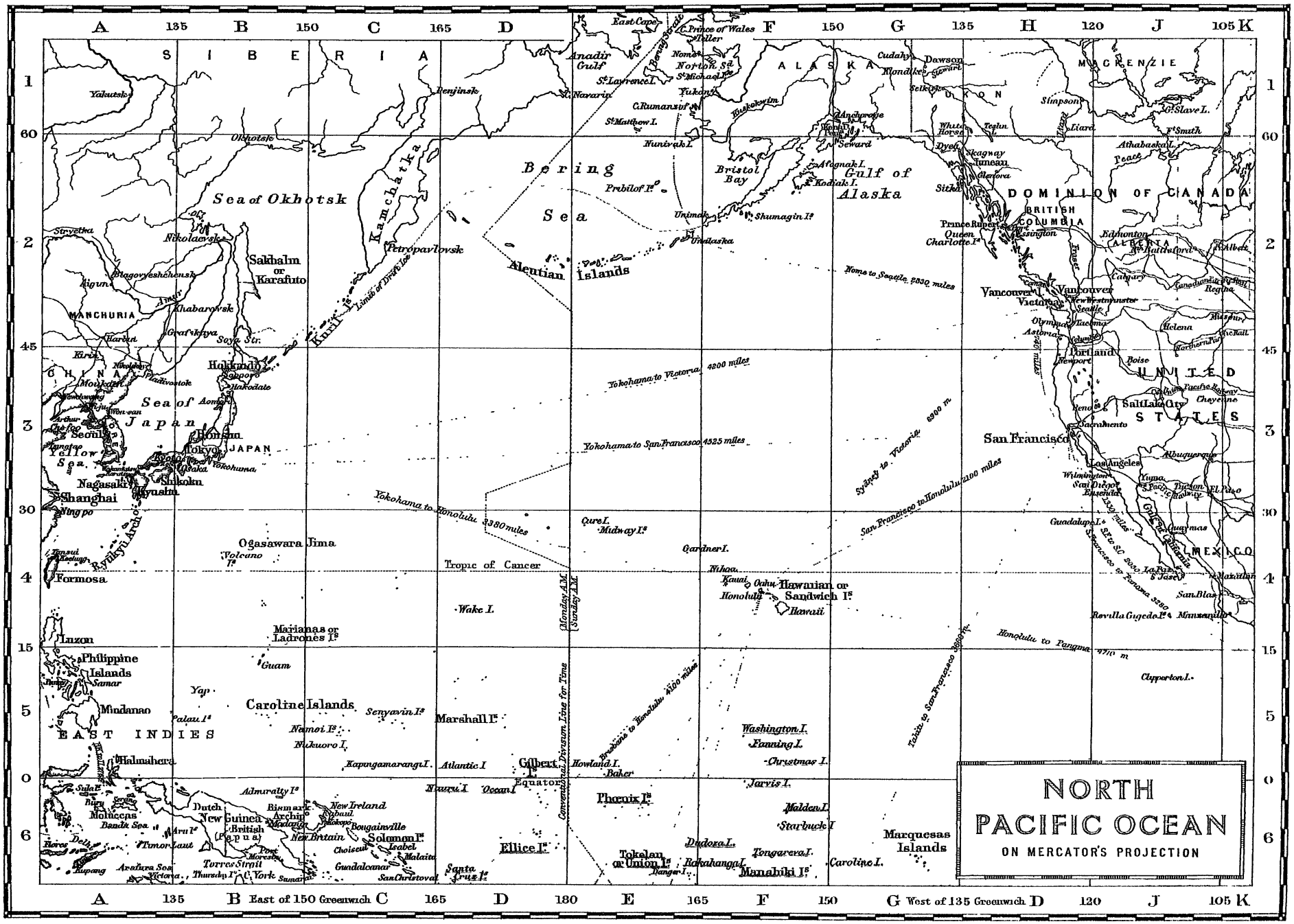

144 G 146 H 148 J 150 K 152 L 154 M
QUEENSLAND
NEW SOUTH WALES
VICTORIA
TASMANIA
PACIFIC OCEAN
BASS STRAIT
The Old Man Plain
Sydney
Brisbane
Newcastle
Port Macquarie
Port Jackson
Broken Bay
Botany Bay
Port Hunter
Port Stephens
Moreton I.
Stradbroke
Cape Byron
Coffs Harbour
Smoky C.
Gladstone
Hervey Bay
Sandy C.
Wilson's Promontory
Deal I.
Furneaux Is
Flinders I.
Cape Barren I.
Clarke I.
Banks Strait
Three Hummock I.
Hunters Is
Robbins I
Stanley
Table C.
Macquarie Harbour
Port Davey
Bruny I.
Tasman's Peninsula
Maria I.
Schouten I.
Freycinet Pen.
Eddystone Pt
St Patrick's Head
St Mary's
Peggy Pt
Waterloo Bay
Sorell
Hobart
New Norfolk
Launceston
Deloraine
Westbury
Campbell Town
Oatlands
Ross
Swansea
Bicheno
Scottsdale
Derwent R.
Huon R.
Gordon R.
Franklin R.
Pieman R.
Arthur R.
Forth R.
Mersey R.
Tamar R.
Macquarie R.
Derwent Bridge
Lake St Clair
Lake Pedder
Lake Gordon
Lake Sorell
Lake Crescent
Great Lake
Lake Echo
Lake Barrington
Lake Rowallan
Lake Parangarahan
Lake Augusta
Lake Margaret
Lake Burbury
Lake Mackenzie
Lake Rosebery
Lake Murchison
Lake Dove
Lake Fenton
Lake Plimsoll
Lake Tiberias
Lake Binney
Lake Vera
Lake Leake
Lake Tooms
Lake Sidmouth
Lake Highway
Lake Arthur
Lake Skinner
Lake Meston
Lake Adelaide
Lake Tyenna
Lake Dobson
Lake Fergus
Lake Nicholas
Lake Ada
Lake Petrarch
Lake Ina
Lake Gilles
Lake Wellington
Lake Tyers
Lake Bunga
Lake Corringle
Lake Curlip
Lake Coleman
Lake Tarli Karng
Lake Reeve
Lake Wallace
Lake Bullen Merri
Lake Gnotuk
Lake Purrumbete
Lake Colongulac
Lake Terang
Lake Keilambete
Lake Bolac
Lake Wongan
Lake Buloke
Lake Albacutya
Lake Hindmarsh
Lake Lascelles
Lake Tyrrell
Lake Boga
Lake Charm
Lake Kangaroo
Lake Cullulleraine
Lake Victoria
Lake Hawthorn
Lake Bonney
Lake Alexandrina
Lake Albert
Lake Bonney
Lake Frome
Lake Callabonna
Lake Gregory
Lake Blanche
Lake Eyre
Lake Torrens
Lake Gairdner
Lake Macdonnell
Lake Hamilton
Lake Amadeus
Lake Mackay
Lake Nash
Lake Nash
Lake Mueller
Lake Woods
Lake Sylvester
Lake Surprise
Lake Nash
Lake Nash
Lake Nash


NEW ZEALAND
Scale 1:4,500,000
0 20 40 60 80 100 120 English Miles
0 20 40 60 80 100 120 160 200 Kilometres
Reference to Counties not named on Map.
North Island
1 Whangamomona
4 Kiwitea
5 Pohangina
6 Oroua
7 Waipukurau
8 Dannevirke
9 Woodville
10 Kauranga
11 Weber
12 Eketahuna
13 Castle Point
14 Masterton
15 Mauriceville
16 Wairarapa South
17 Inglewood
18 Waimate West
PACIFIC OCEAN
NORTH ISLAND
Three Kings Is.
C. Reinga
C. Maria van Diemen
North Cape
Parengarenga Har.
Rangaunu B.
Doubtless B.
Mangonui
Whangaroa
Bay of Islands
Whangarei
Kaipara Har.
Manukau Har.
Waitara R.
Waikato R.
Auckland
Hauraki Gulf
Great Barrier I.
Mt. Hobson
Little Barrier I.
Hauraki Plains
Thames
Coromandel
Mercury Is.
Mayor I.
Falkner Is.
White I.
C. Runaway
Matakana I.
Matakana Pt.
Tauranga
Bay of Plenty
Te Kaha
East Cape
Waiapu R.
Hikurangi 5800
Rotorua
Whakatane
Opotiki
Waiapu
Tangaira
Mouthoa
Waikohu
Ormond
Gisborne
Tuahine Pt.
Poverty B.
L. Waikare
Opoiti
Waiau
Mahia
Mahia Pen.
Portland I.
Hawke Bay
Napier
C. Kidnappers
Hastings
Waipawa
Waipukurau
Waipawa
Waipawa
Waipawa

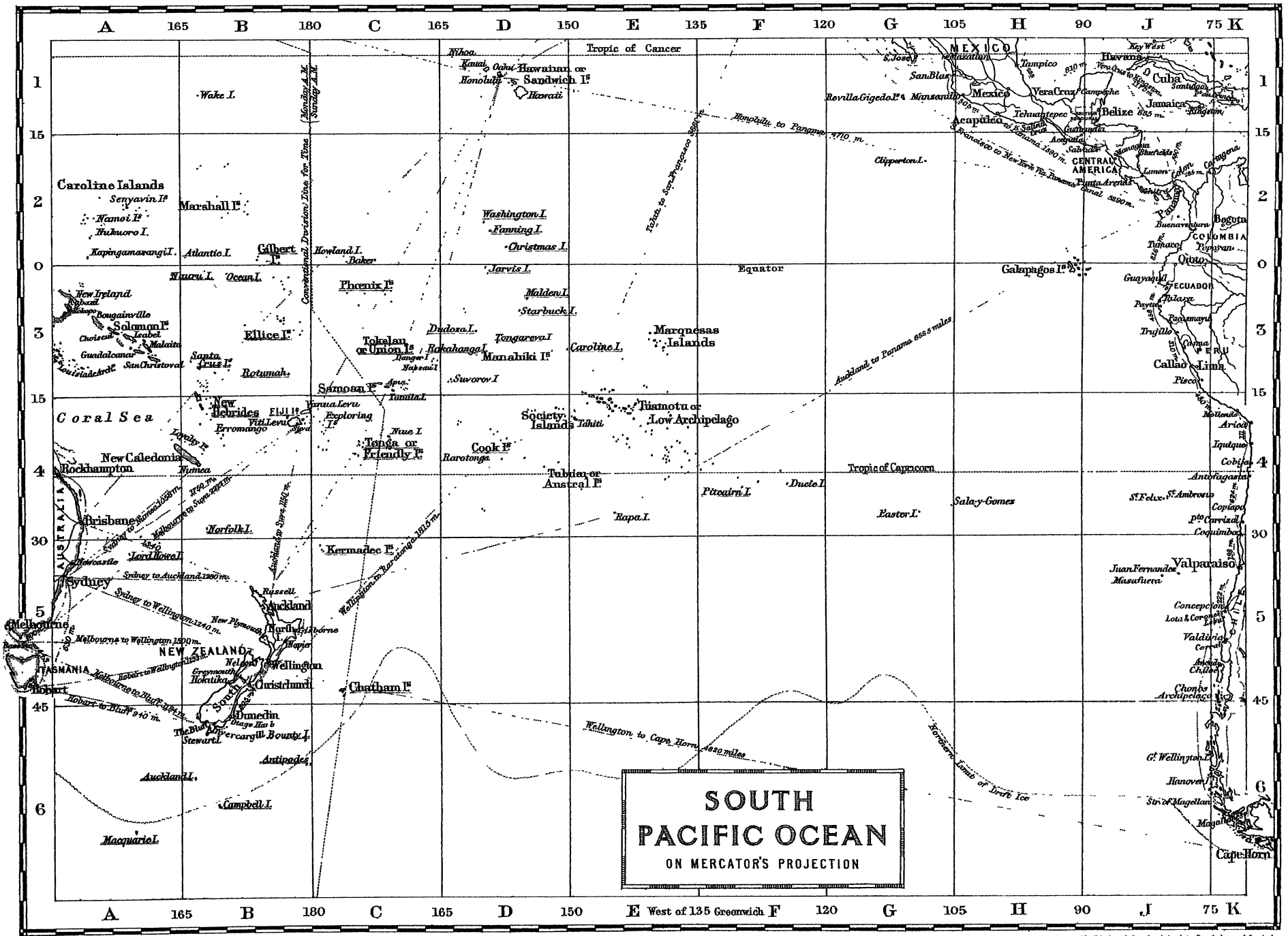


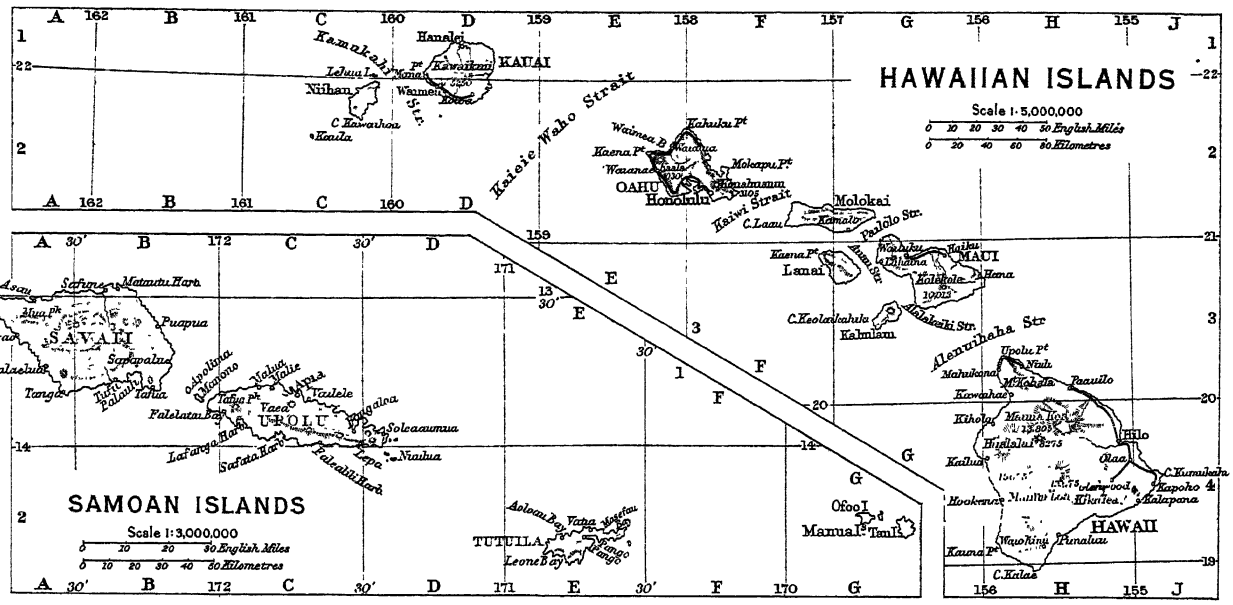
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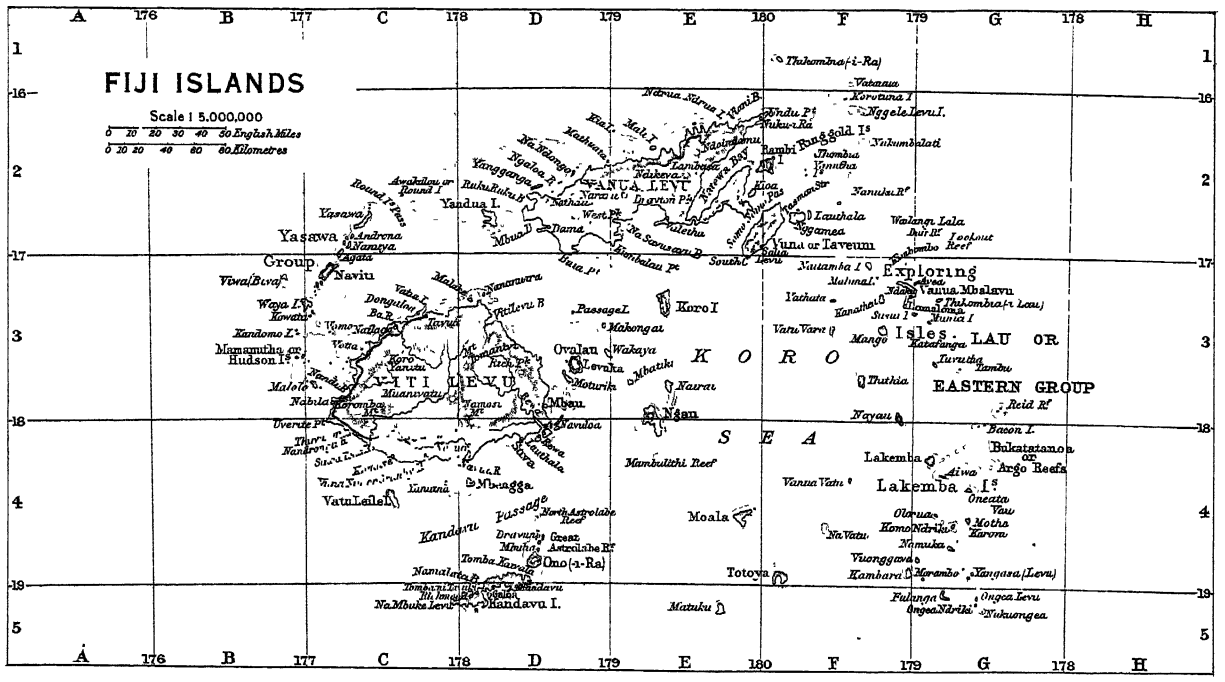
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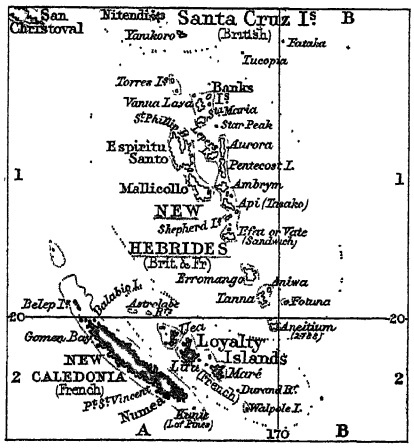


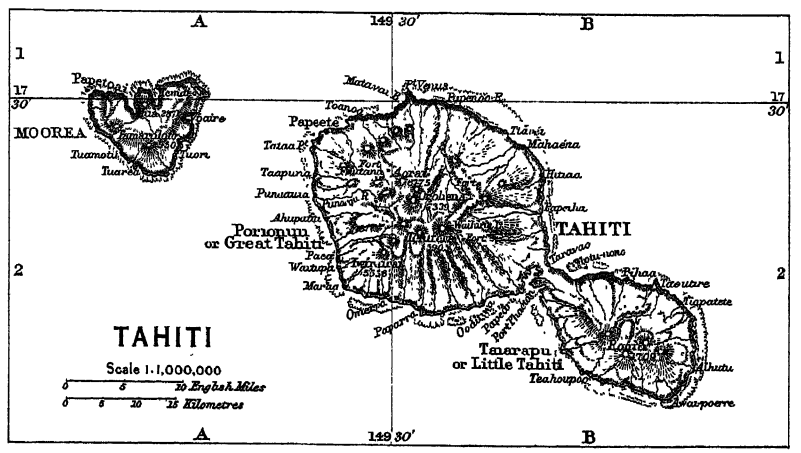
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SOUTH
PACIFIC OCEAN
ON MERCATOR'S PROJECTION
Tropic of Cancer
Equator
Tropic of Capricorn
Caroline Islands
Marshall Is.
Gilbert Is.
Phoenix Is.
Samoan Is.
New Hebrides
Coral Sea
New Caledonia
Society Islands
Tuamotu or Low Archipelago
Marquesas Islands
Tokelau or Union Is.
Tonga or Friendly Is.
Cook Is.
Tubuai or Austral Is.
Kermadec Is.
Chatham Is.
Galapagos Is.
Hawaiian or Sandwich Is.
Honolulu to Panama 4710 m.
San Francisco to New York via Panama Canal 5290 m.
Auckland to Panama 6665 miles
Wellington to Cape Horn 4830 miles
Northern Limit of Drift Ice
Sydney to Auckland 1300 m.
Sydney to Wellington 1240 m.
Melbourne to Wellington 1500 m.
Hobart to Wellington 1258 m.
Hobart to Bluff 940 m.
Wellington to Barcadine 1815 m.
Auckland Is.
Campbell I.
Macquarie I.
Antipodes
Bounty I.
Norfolk I.
Lord Howe I.
Brisbane
Sydney
Melbourne
Hobart
Auckland
Wellington
Christchurch
Dunedin
Rockhampton
Newcastle
Mexico
Acapulco
Havana
Cuba
Jamaica
Belize
Panama
Bogota
Quito
Callao
Lima
Valparaiso
Cape Horn
Easter I.
Sala-y-Gomez
Pitcairn I.
Rapa I.
Ducie I.
Tahiti
Rarotonga
Suvorov I.
Manahiki Is.
Starbuck I.
Malden I.
Jarvis I.
Washington I.
Fanning I.
Christmas I.
Howland I.
Baker
Wake I.
Atlantic I.
Ocean I.
Clipperton I.
Revilla Gigedo Is.
Mazatlan
San Blas
Manzanillo
Vera Cruz
Tampico
Campeche
Tehuantepec
Acapulco
Key West
Kingston
Panama
Guayaquil
Callao
Lima
Pisco
Arica
Iquique
Coquimbo
Valparaiso
Juan Fernandez
Masafuera
St. Felix
St. Ambrosio
Concepcion
Valdivia
Chonos Archipelago
Hanover
Strait of Magellan
Magellan
G. Wellington
Cape Horn
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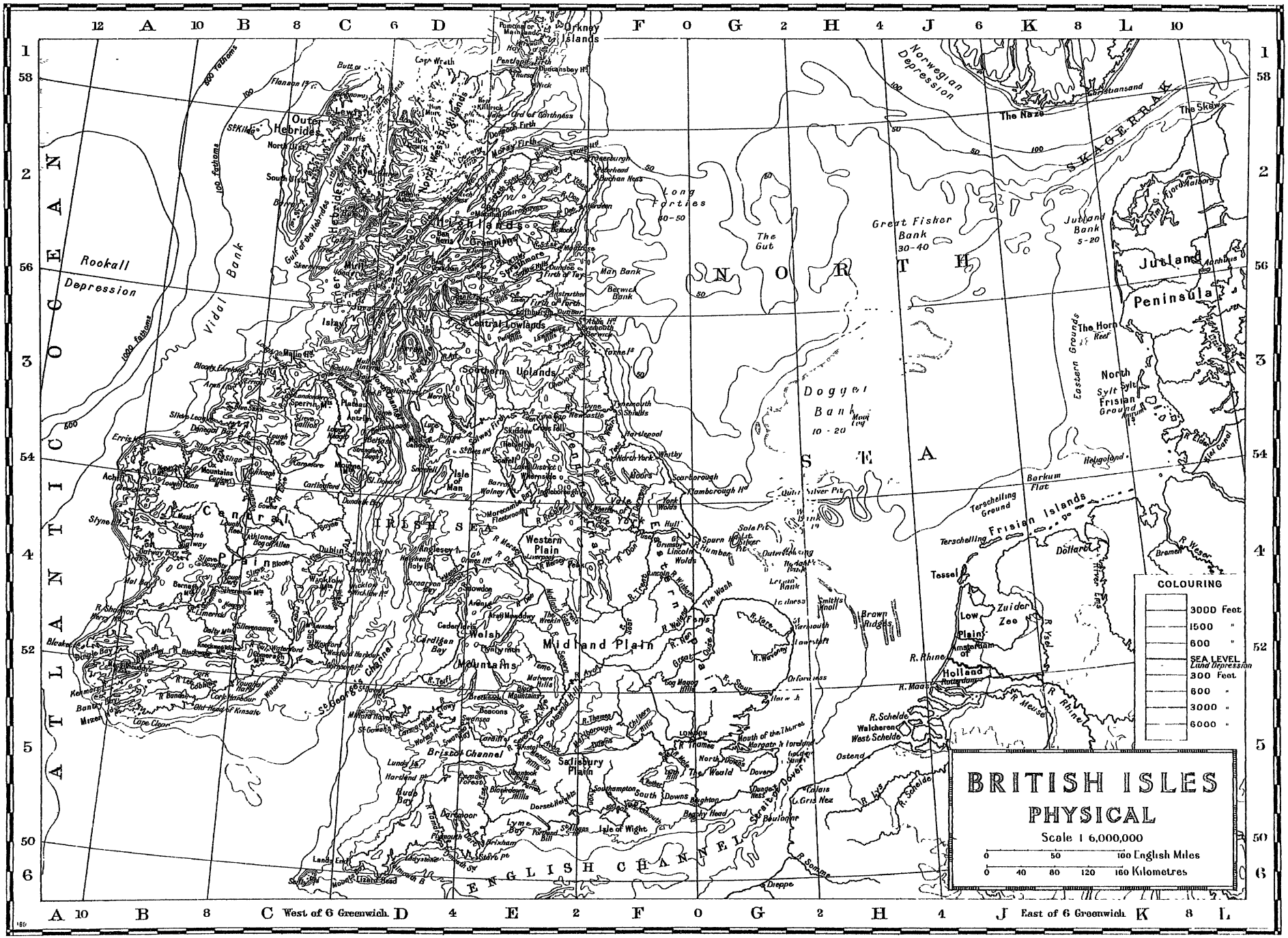


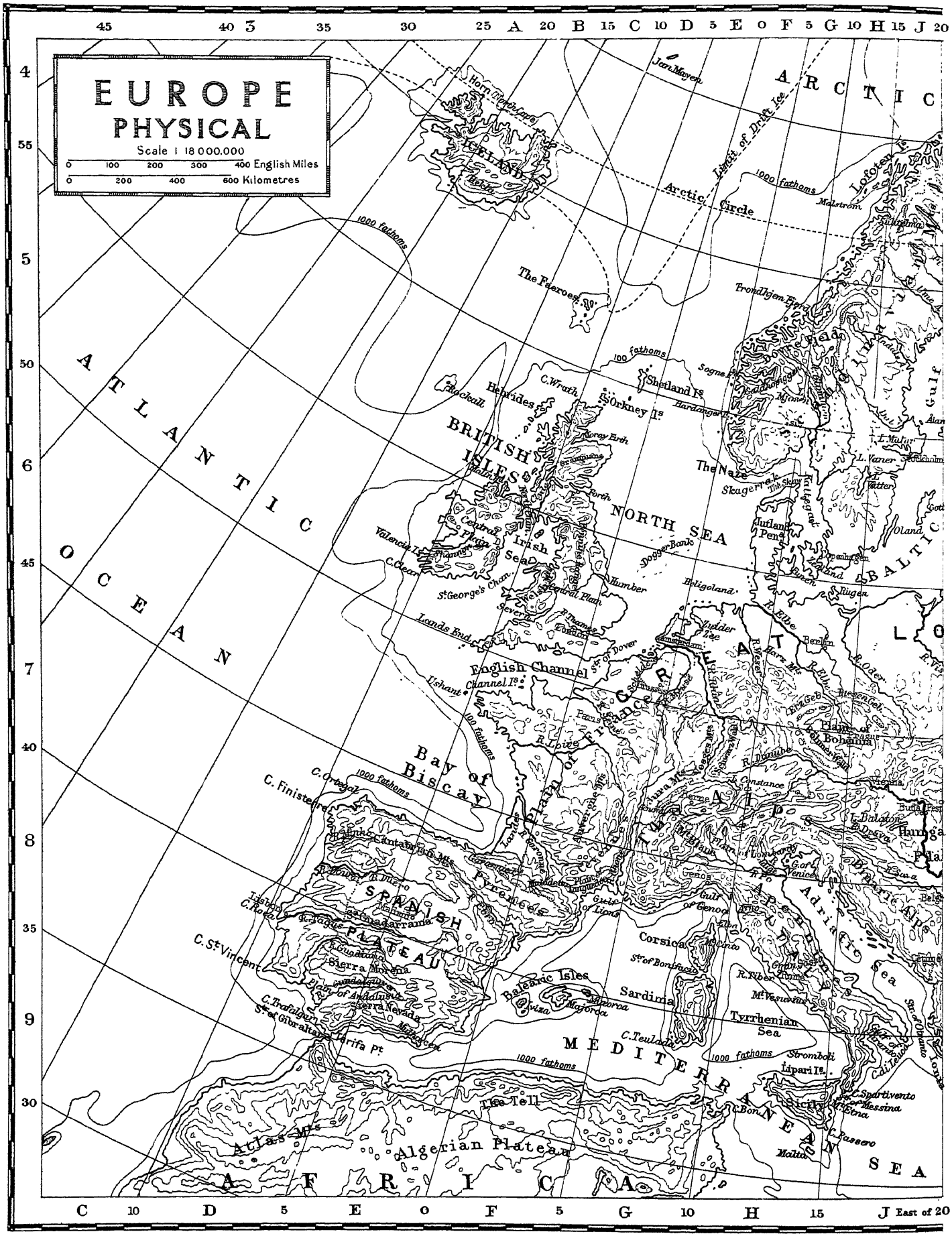






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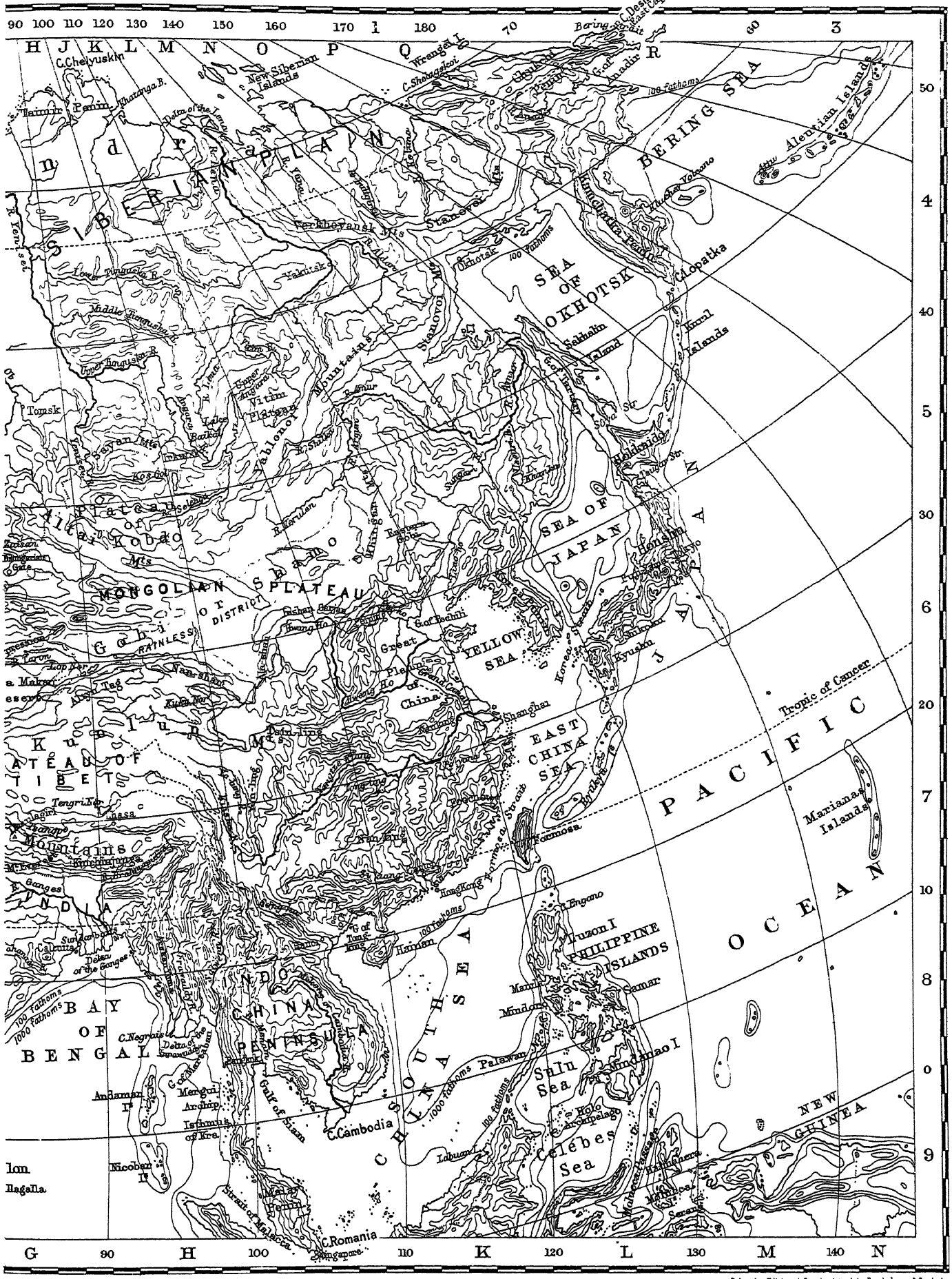

BRITISH ISLES
PHYSICAL
Scale 1 6,000,000
0 50 100 English Miles
0 40 80 120 160 Kilometres
COLOURING
3000 Feet
1500 "
600 "
SEA LEVEL
Land Depression
300 Feet
600 "
3000 "
6000 "
ATLANTIC OCEAN
NORTH SEA
IRISH SEA
ENGLISH CHANNEL
Rockall Depression
Norwegian Depression
Great Fisher Bank 30-40
Dogger Bank 10-20
Jutland Bank 5-20
Long Forties 40-50
The Gut
Outer Hebrides
Inner Hebrides
Central Lowlands
Southern Uplands
Grampians
Highlands
Cambrian Mountains
Central Plain
Western Plain
Welsh Mountains
Midland Plain
Pennine Chain
Lake District
Isle of Man
Cheviot Hills
Jutland Peninsula
Frisian Islands
Terschelling Ground
Eastern Grounds
Barkum Flat
Brown Ridges
Low Zuider Zee Plain
Holland
Walcheren
West Schelde
Ostend
Dover
Calais
Boulogne
Dieppe
Isle of Wight
Bristol Channel
Salisbury Plain
The Weald
North Downs
South Downs
London
Mouth of the Thames
Strait of Dover
Lyme Bay
Start Bay
Plymouth
Land's End
Lizard Head
Cape Clear
Kinsale
Cork Harbour
Dublin
Belfast
Galway Bay
Donegal Bay
Clew Bay
Shannon
Liverpool
Manchester
Leeds
Sheffield
Hull
York
Newcastle
Edinburgh
Glasgow
Aberdeen
Inverness
Stornoway
Orkney Islands
Pentland Firth
Minch
Moray Firth
Firth of Forth
Firth of Tay
Solway Firth
Skagerrak
The Naze
Christiansand
Fjord Kalborg
Helgoland
Tessel
Dollard
Bremen
Amsterdam
Rotterdam
R. Rhine
R. Maas
R. Schelde
R. Meuse
R. Weser
R. Elbe
Kiel Canal
R. Severn
R. Thames
R. Humber
R. Wash
R. Mersey
R. Dee
R. Clyde
R. Tweed
R. Tyne
R. Forth
R. Tay
R. Spey
R. Shannon
R. Boyne
R. Liffey
R. Lee
R. Barrow
R. Nore
R. Suir
R. Slaney
R. Towy
R. Teifi
R. Usk
R. Wye
R. Avon
R. Trent
R. Ouse
R. Yare
R. Waveney
R. Nene
R. Great Ouse
R. Welland
R. Witham
R. Somme
R. Seine
R. Lys
Land Depression
Sea Level
Land Depression
Sea Level
Land Depression
Sea Level


EUROPE
PHYSICAL
Scale 1 18 000 000
0 100 200 300 400 English Miles
0 200 400 600 Kilometres
ATLANTIC OCEAN
ARCTIC
NORTH SEA
BALTIC
MEDITERRANEAN SEA
BRITISH ISLES
ICELAND
The Faeroes Is.
Shetland Is.
Orkney Is.
Hebrides
Jan Mayen
Arctic Circle
Limit of Drift Ice
1000 fathoms
100 fathoms
Lofoten Is.
Malstrom
Trondhjem Fjord
The Naze
Skagerrak
Jutland Pen.
Dogger Bank
Heligoland
Helder
Amsterdam
R. Elbe
Berlin
R. Oder
English Channel
Channel Is.
Ushant
Bay of Biscay
C. Finisterre
C. Ortegal
Landes
Plain of France
R. Loire
R. Seine
Paris
Jura Mts.
Vosges Mts.
Plain of Bohemia
R. Danube
Vienna
Alps
Pyrenees
SPANISH PLATEAU
Sierra Morena
Sierra Nevada
Mulhacen
C. St. Vincent
C. Trafalgar
Str. of Gibraltar
Tarifa Pt.
Balearic Isles
Ivisa
Majorca
Minorca
Corsica
Sardinia
Gulf of Genoa
Apennines
Adriatic Sea
R. Tiber
Mt. Vesuvius
Tyrrhenian Sea
C. Teulada
Stromboli
Lipari Is.
Str. of Bonifacio
Str. of Otranto
C. Spartivento
Str. of Messina
Mt. Etna
C. Passero
Malta
Ionian Sea
Sicily
C. Bon
The Tell
Atlas Mts.
Algerian Plateau
AFRICA
Gulf of Lions
R. Rhone
R. Ebro
R. Tagus
R. Guadiana
R. Guadalquivir
Valencia
Lisbon
Irish Sea
St. George's Chan.
Leads
Humber
Thames
Severn
Central Plain
Forth
Clyde
Solway Firth
Moray Firth
Malin Hd.
Rockall
C. Wrath
Hardangerfjord
Sognefjord
Lofoten Is.
Gulf of Bothnia
Gulf of Finland
L. Vener
L. Mjelar
Stockholm
Upsala
Abo
Aland
Gotland
Oland
Copenhagen
Bornholm
Rügen
Stettin
Danzig
Memel
Riga
Reval
Helsingfors
Petersburg
Archangel
Tromsö
Hammerfest
North Cape
Bergen
Stavanger
Christiansand
Christiania
Gothenburg
Malstrom
Saltstrom
Moray Firth
Forth
Clyde
Solway Firth
Malin Hd.
Rockall
C. Wrath
Hardangerfjord
Sognefjord
Lofoten Is.
Gulf of Bothnia
Gulf of Finland
L. Vener
L. Mjelar
Stockholm
Upsala
Abo
Aland
Gotland
Oland
Copenhagen
Bornholm
Rügen
Stettin
Danzig
Memel
Riga
Reval
Helsingfors
Petersburg
Archangel
Tromsö
Hammerfest
North Cape
Bergen
Stavanger
Christiansand
Christiania
Gothenburg
Malstrom
Saltstrom

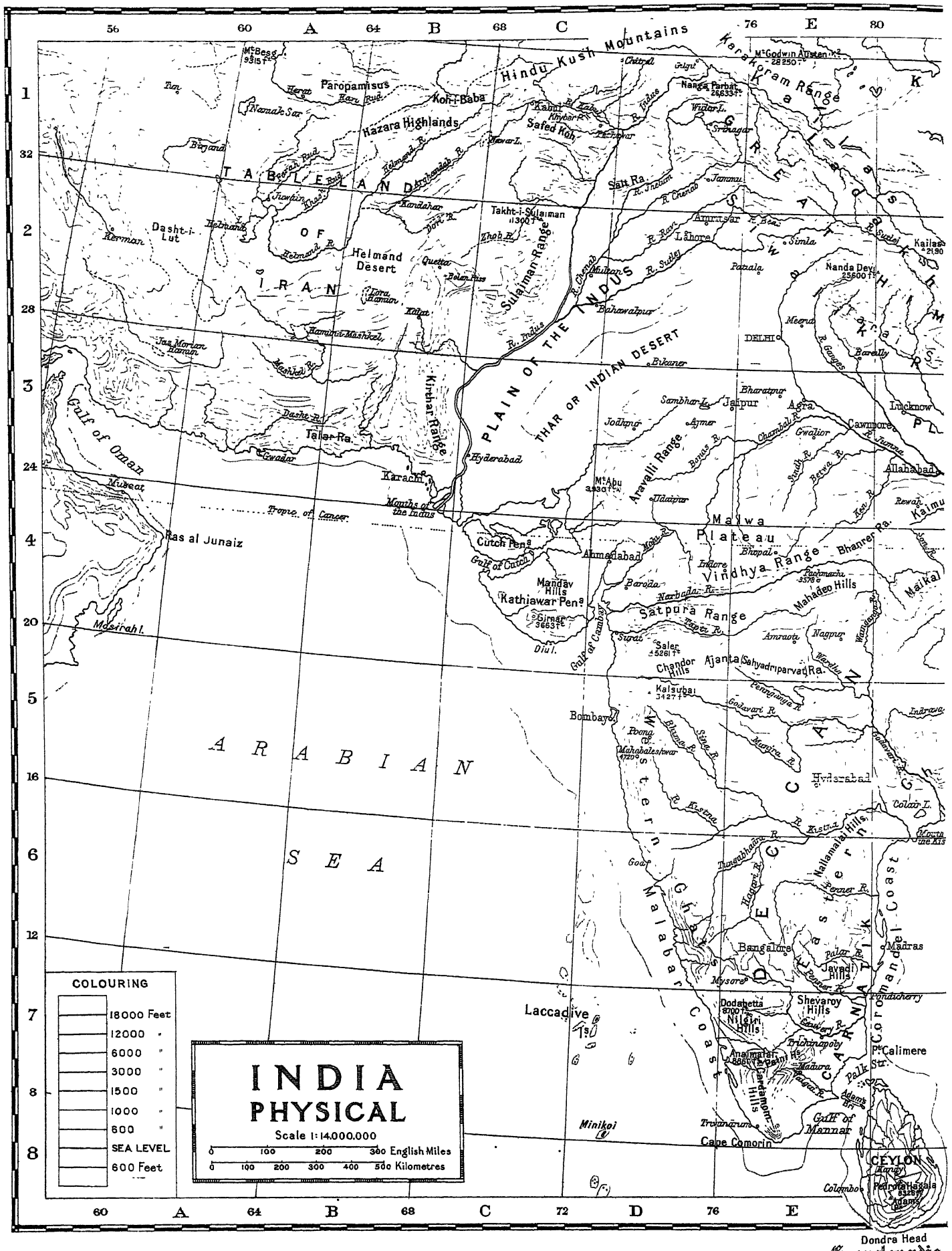


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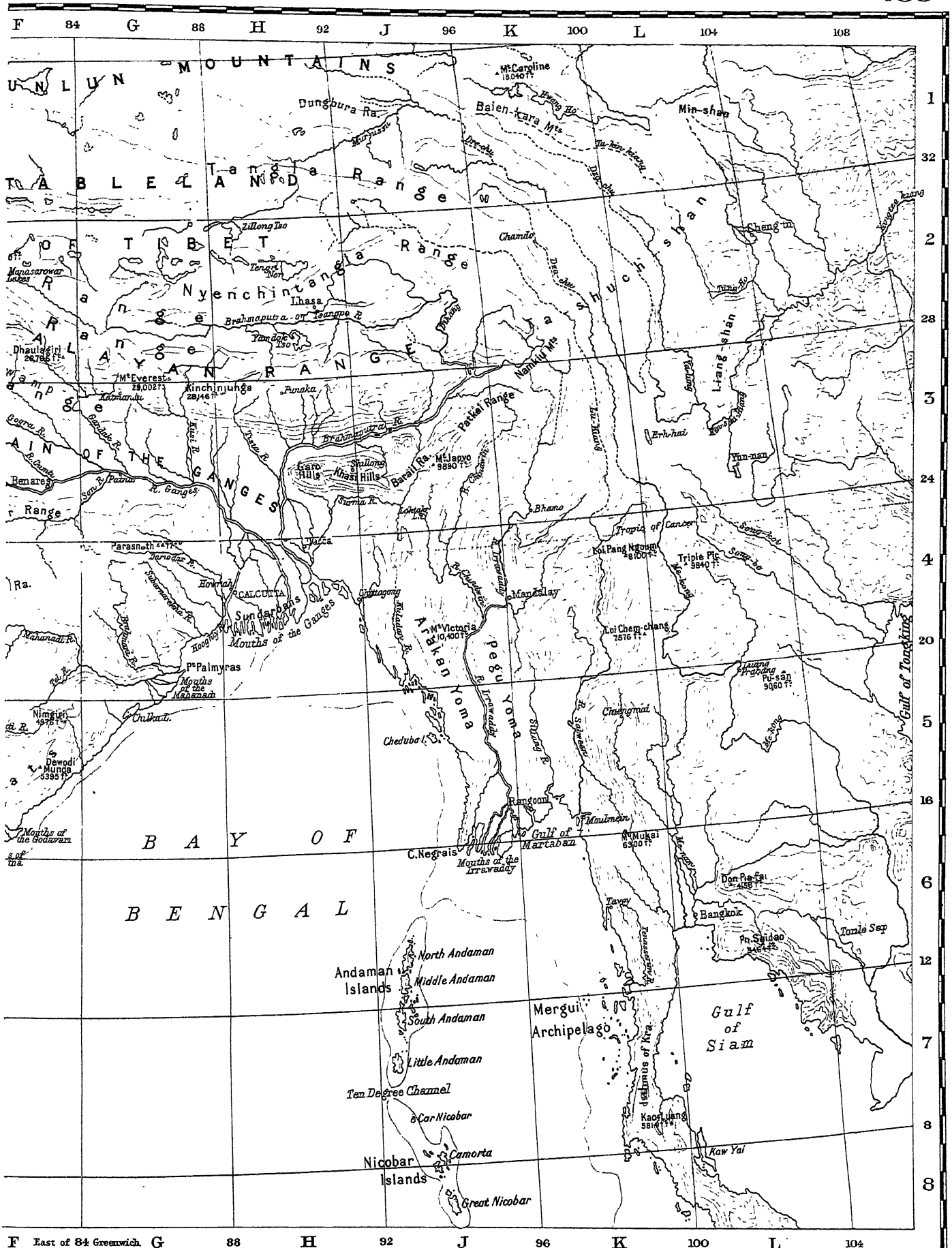

ASIA
PHYSICAL
Scale 1: 36,000,000
0 200 400 600 English Miles
0 500 1000 Kilometres
COLOURING
18000 Feet
12000 "
6000 "
3000 "
1500 "
600 "
SEA LEVEL
Land Depression
600 Feet
ARCTIC OCEAN
EUROPE
GREAT RUSSIAN LOWLAND PLAIN
NORTH SEA
BALTIC SEA
GREAT BRITAIN
MEDITERRANEAN SEA
BLACK SEA
CASPIAN SEA
Peninsula of Asia Minor
Syrian Desert
Nefud Desert
Mesopotamian Plains
Persian Gulf
Red Sea
Gulf of Aden
Gulf of Oman
Nejd TABLE LAND OF ARABIA
Dahna Desert
Roba el Khali Desert
Kara Sea
Ural Mts.
R. Ob
R. Yenisei
R. Lena
R. Volga
R. Don
R. Dnieper
R. Danube
R. Euphrates
R. Tigris
R. Jordan
R. Nile
Aral Sea
Lake Balkhash
Kirghiz Steppes
Plain of Western Turkestan
Qizil-Qum
Qara Qum
Kara Kum
Kopet Dagh Mts.
Elburz Mts.
Kurdistan Highlands
Caucasus Mts.
Taurus Mts.
Lebanon Mts.
Ararat
Salt Desert
Kavir
Lut Desert
Dasht-i-Margo
Hamun-i-Mashkel
Helmand R.
Hindu Kush Mts.
PAMIRS
Takla Makan Desert
Tarim R.
Kuen Lun Mts.
Himalaya Mts.
PLATEAU OF TIBET
PLAINS OF HINDUSTAN
Ganges R.
Brahmaputra R.
Indus R.
Delta of the Indus
Gulf of Cutch
Gulf of Cambay
Kathiawar Peninsula
Vindhya Mts.
PLATEAU OF THE DECCAN
Western Ghats
Malabar Coast
Nilgiri Hills
Coromandel Coast
Laccadive Islands
Maldive Islands
C. Comorin
Gulf of Manaar
Palk Strait
Ceylon
Madras
Bombay
Delhi
Tobolsk
Astrakhan
Baku
Tiflis
Erivan
Aleppo
Damascus
Jerusalem
Cairo
Alexandria
Mecca
Medina
Muscat
Aden
Socotra I.
Cyprus
Crete
Rhodes
Lemnos
Novaya Zemlya
Kara Strait
Yamal Penin.
White Sea
Archangel
Iceland
Arctic Circle
100 fathoms
1000 fathoms
Longitude East 70 of Greenwich



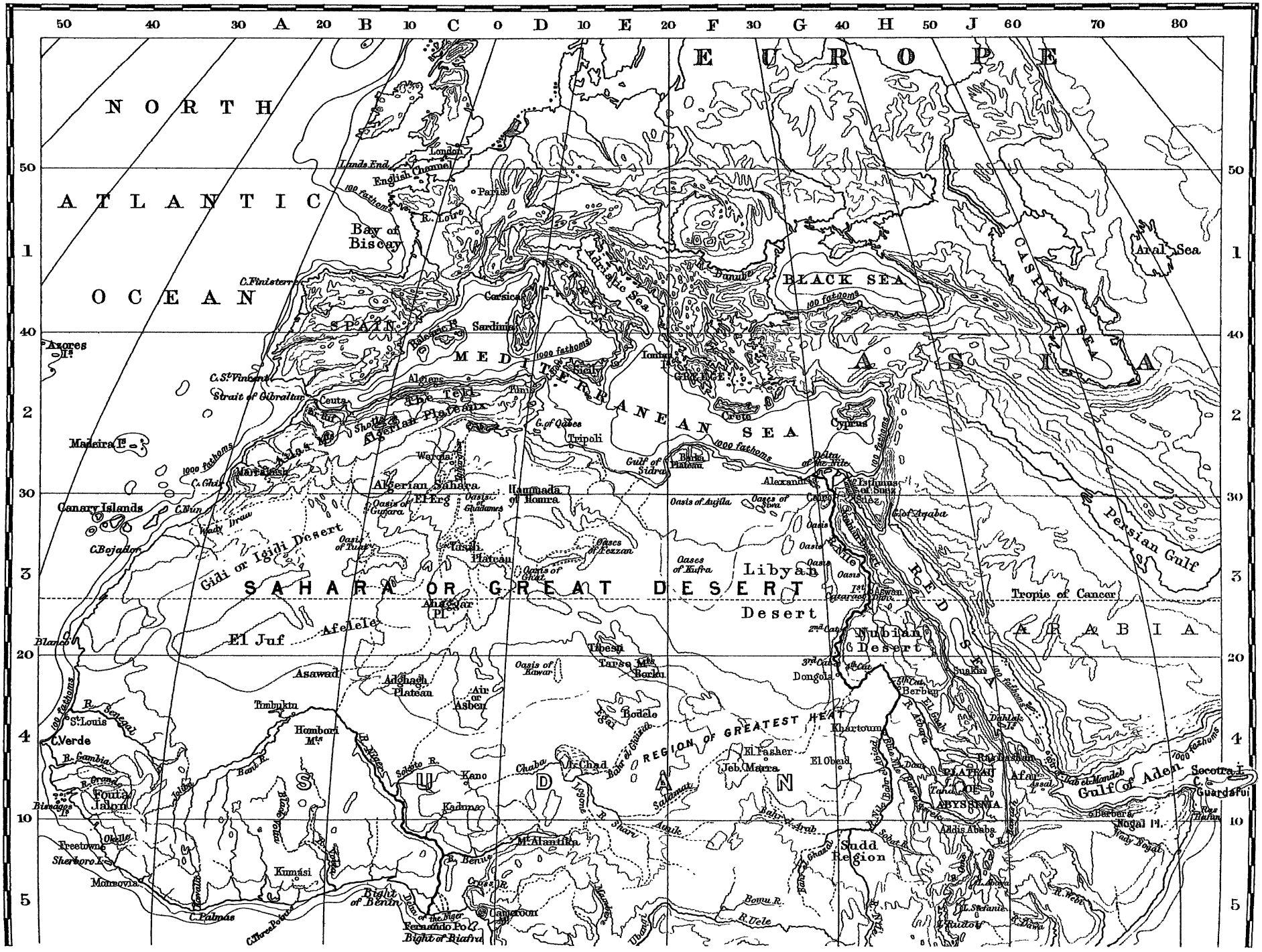
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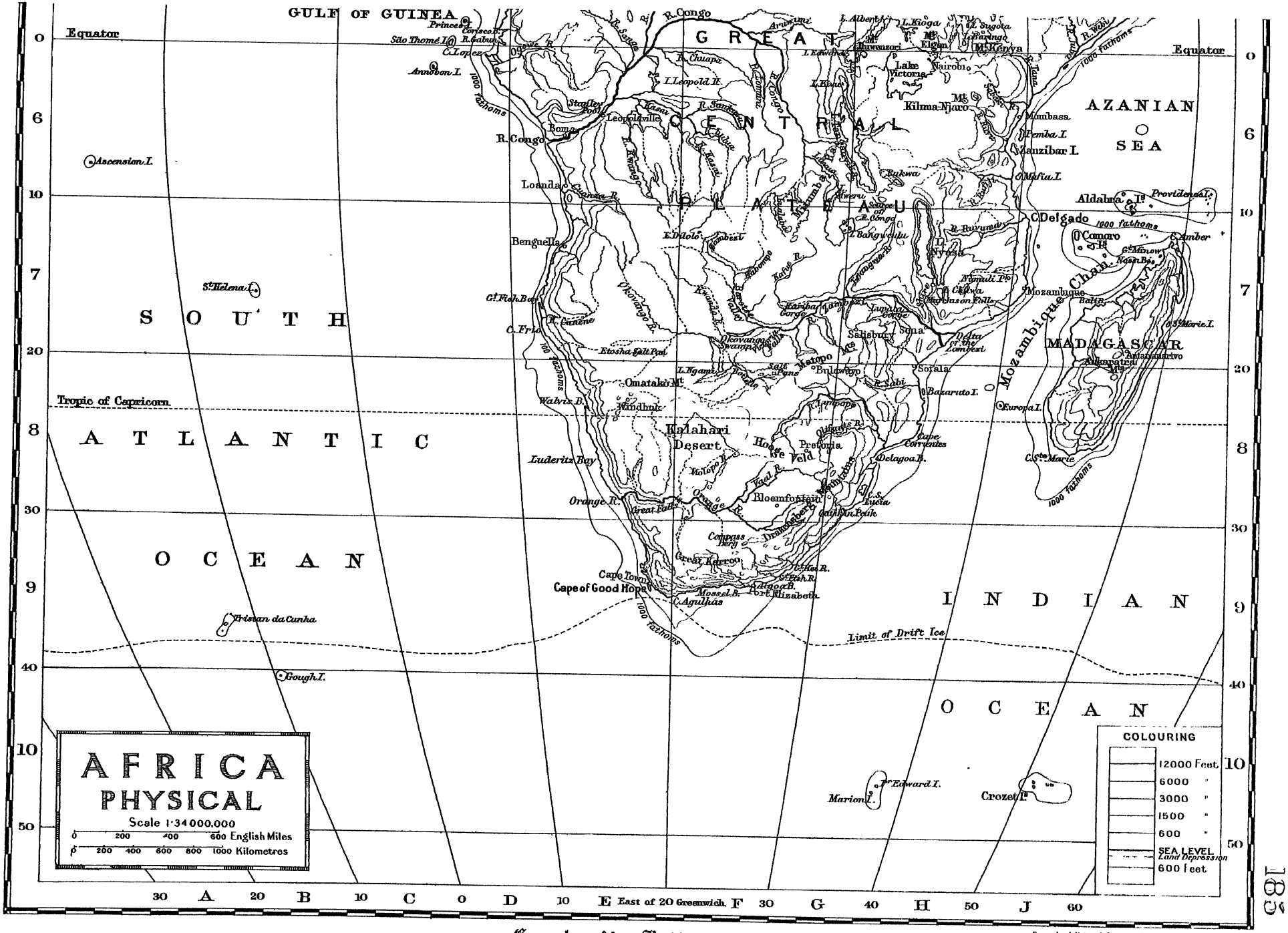


Encyclopædia



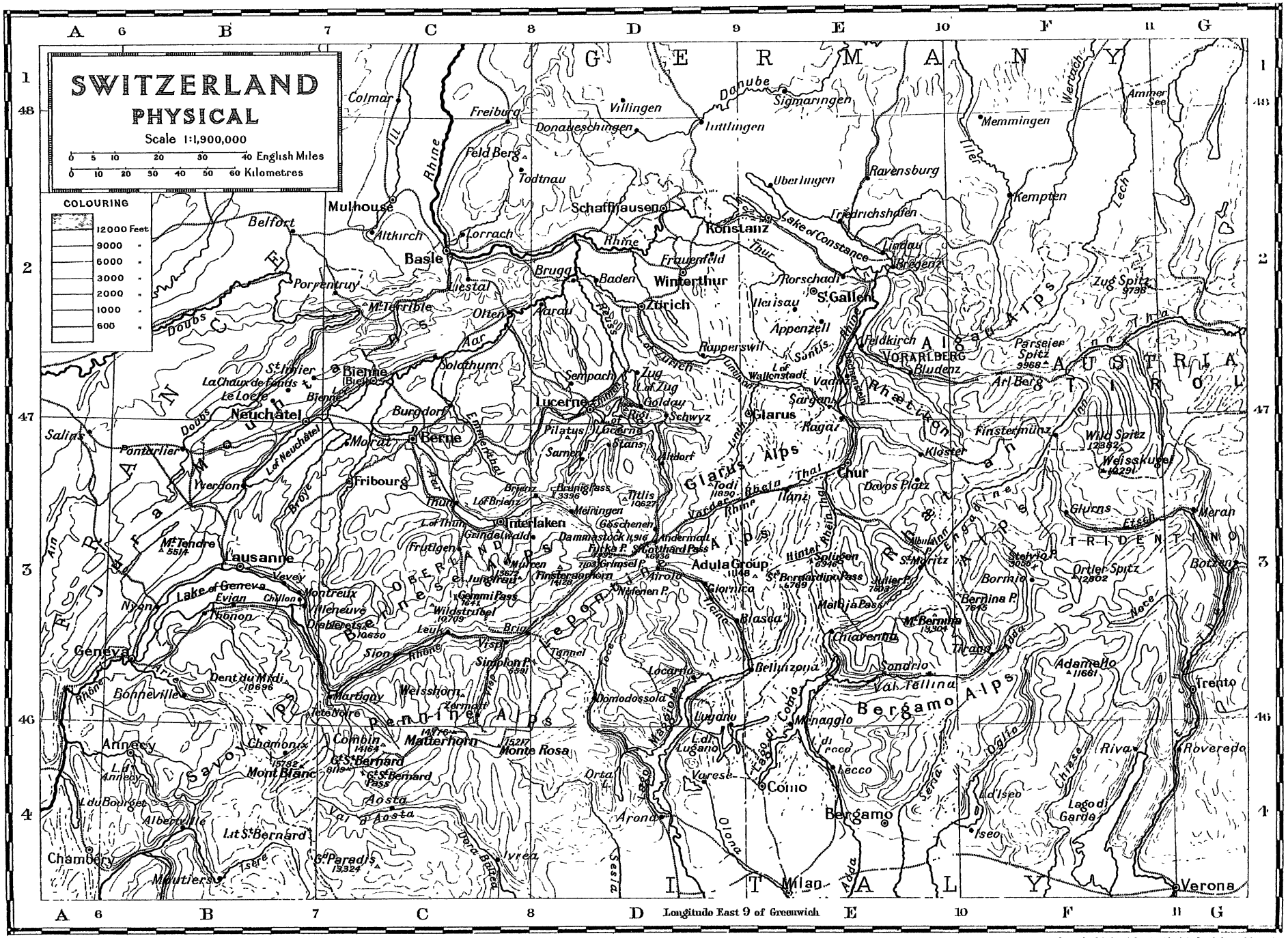
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NORTH ATLANTIC OCEAN
EUROPE
ASIA
AFRICA
SAHARA OR GREAT DESERT
Libyan Desert
Nubian Desert
ARABIA
MEDITERRANEAN SEA
BLACK SEA
CASPIAN SEA
Aral Sea
Persian Gulf
RED SEA
Gulf of Aden
SUDAN
REGION OF GREATEST HEAT
Sudd Region
ABYSSINIA
PLATEAU
Bay of Biscay
English Channel
London
Paris
R. Loire
Lands End
100 fathoms
C. Finisterre
Corsica
Sardinia
Balearic Is
Adriatic Sea
R. Danube
Azores Is
C. St. Vincent
Strait of Gibraltar
Ceuta
Algiers
Tunis
Tripoli
Crete
Cyprus
Madeira Is
Canary Islands
C. Bojador
C. Blanco
Atlas Mts
Algerian Plateau
Algerian Sahara
El Erg
Oasis of Ghadames
Oasis of Ghat
Oasis of Kufra
Oasis of Augila
Oases of Siwa
Oases of Fezzan
Tibesti Plateau
Hamada el Homra
Gulf of Sidra
Barca Plateau
Delta of the Nile
Alexandria
Cairo
Suez
Gulf of Aqaba
Sinaitic Desert
Nile
Tropic of Cancer
1st Cataract
Aswan
2nd Cataract
3rd Cataract
4th Cataract
5th Cataract
Dongola
Berber
Suakin
Khartoum
El Obeid
El Fasher
Jeb. Marra
Darfur
Kordofan
Dahlak Is
Massawa
Afar
Assal L.
Tadjoura
Gulf of Tadjoura
Obock
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C. Guardafui
Addis Ababa
Harar
Nogal Pl.
Lake Rudolf
L. Stefanie
L. Abaya
L. Zwai
L. Tana
R. Nile
R. Atbara
R. Blue Nile
R. Sobat
R. Bahr el Ghazal
R. Bahr el Arab
R. Shari
R. Logone
R. Benue
R. Niger
R. Gambia
R. Senegal
R. Volta
R. Ogowe
R. Congo
R. Ubangi
R. Uele
R. Kebir
Lake Chad
Bahr el Ghazal
Bodele
Air or Asben
Adghagh Plateau
Asawad
Tarso Mts
Tibesti
Oasis of Kawar
Timbuktu
Hombori Mts
Kano
Chaba
Kadunna
Sokoto
Bauchi
Bida
Ilorin
Oshogbo
Abeokuta
Lagos
Benin
Bight of Benin
Bight of Biafra
Fernando Po
Cameroon Mt.
Dahomey
Gold Coast
Kumasi
Monrovia
Freetown
Sherboro I.
Grand Bassa
C. Palmas
Fouta Jalon
Bissagos Is
St. Louis
C. Verde
Oualo
Kayes
Bambuk
Bure
Bondu
Bambuhu
Segu
Sansanding
Jenne
Mopti
Gourma
Gando
Sokoto
Zaria
Nupe
Yoruba
Ibadan
Benin
Calabar
Old Calabar
Mt. Alantika
Mt. Cameroon
Mt. Elgon
Mt. Kenia
Kilimanjaro
Mt. Ruwenzori
Mt. Gordon Bennett
Mt. Stanley
Mt. Speke
Mt. Baker
Mt. Sinai
Mt. Hor
Mt. Nebo
Mt. Ararat
Mt. Lebanon
Mt. Hermon
Mt. Carmel
Mt. Tabor
Mt. Gilboa
Mt. Ebal
Mt. Gerizim
Mt. Olivet
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Mt. Moriah
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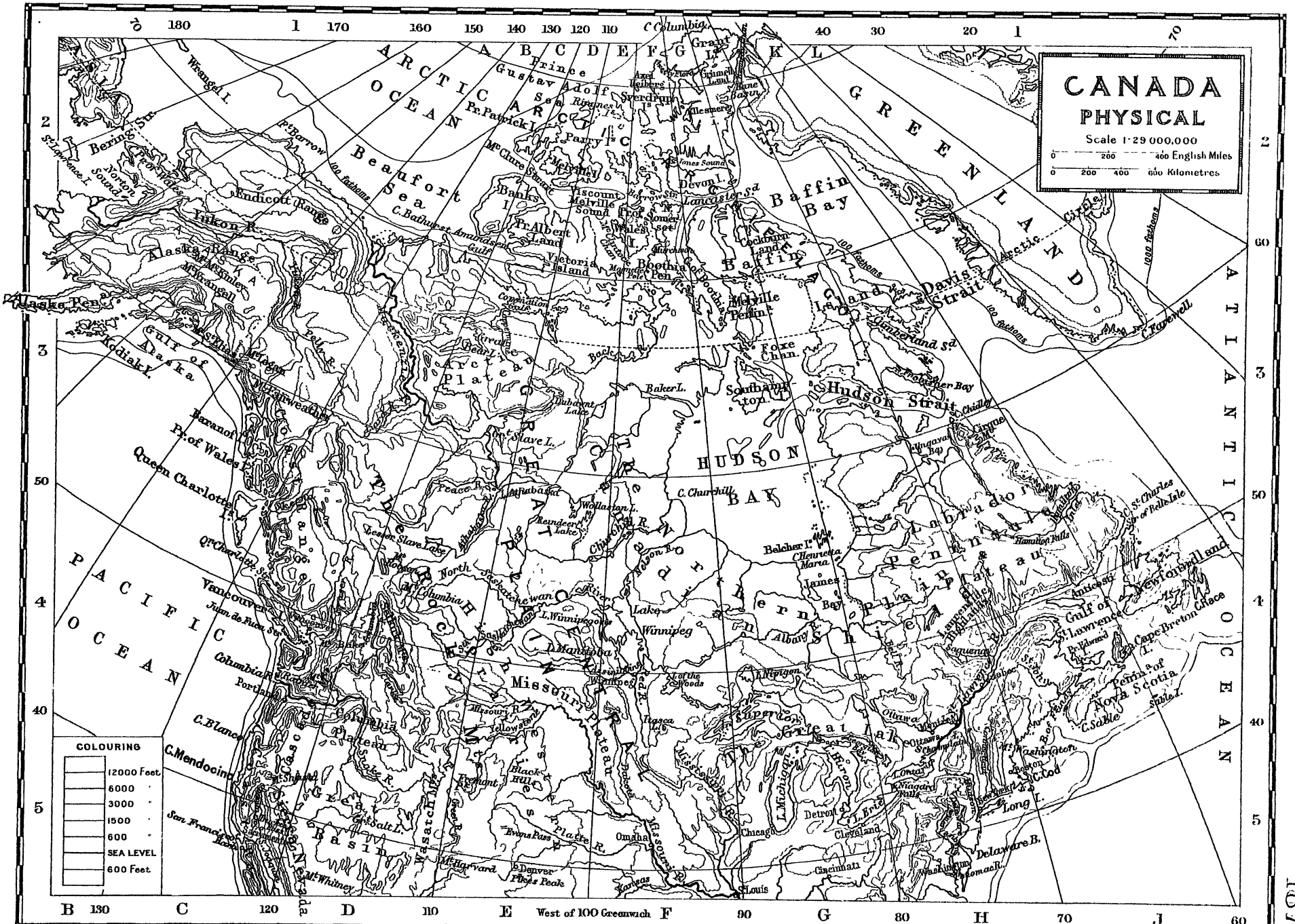
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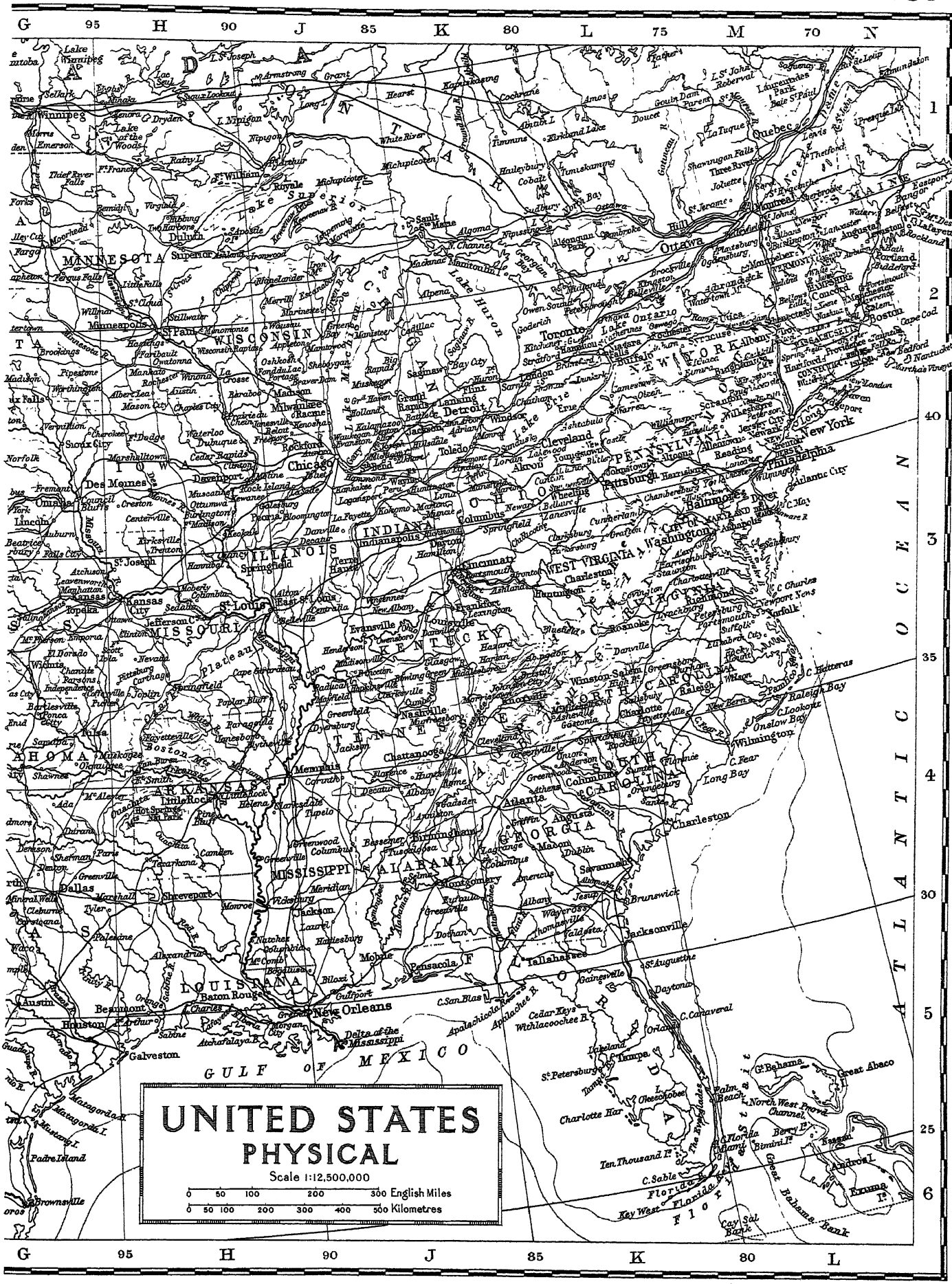


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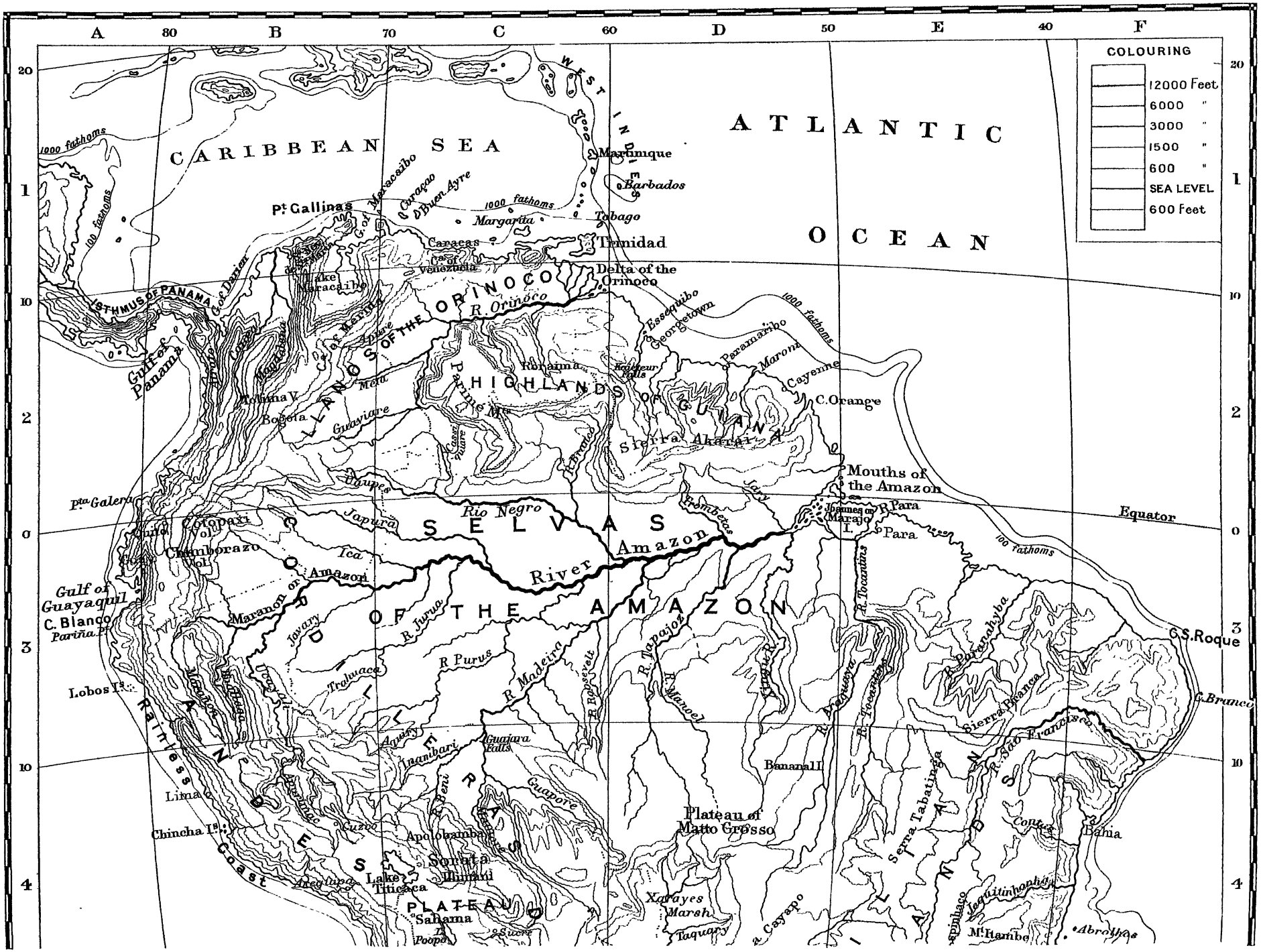

CANADA
PHYSICAL
Scale 1·29 000,000
0 200 400 English Miles
0 200 400 600 Kilometres
COLOURING
12000 Feet.
6000 "
3000 "
1500 "
600 "
SEA LEVEL
600 Feet.
ARCTIC OCEAN
Beaufort Sea
Baffin Bay
GREENLAND
ATLANTIC OCEAN
PACIFIC OCEAN
HUDSON BAY
Hudson Strait
Davis Strait
Gulf of Alaska
Alaska Pen.
Yukon R.
Alaska Range
Mt. McKinley
Mt. Wrangell
Endicott Range
Mackenzie R.
Great Bear L.
Great Slave L.
Great Bear Plateau
Great Slave Plateau
Peace R.
Athabasca R.
Wollaston L.
Reindeer L.
Baker L.
Dubawnt Lake
Southampton I.
Melville Pen.
Boothia Pen.
Victoria Island
Banks I.
Prince Patrick I.
Parry Is.
Ellesmere I.
Grant L.
Axel Heiberg I.
Devon I.
Somerset I.
Prince of Wales I.
Melville Sound
Lancaster Sd.
Barrow Str.
Wrangel I.
Bering Sea
St. Lawrence I.
Norton Sound
Kodiak I.
Queen Charlotte Is.
Vancouver I.
Juan de Fuca Str.
Columbia R.
Portland
C. Blanco
C. Mendocino
San Francisco
Sacramento
Great Salt L.
Great Basin
Mt. Whitney
Sierra Nevada
Cascade Mts.
Columbia Plateau
Rocky Mts.
Mackenzie Mts.
Selwyn Mts.
Liard R.
Fraser R.
Pelly R.
Yukon Plateau
Mt. St. Elias
Mt. Logan
Mt. Hubbard
Mt. Fairweather
Prince of Wales Str.
Queen Charlotte Str.
Baranof I.
Kodiak
Gulf of Boothia
Foxe Chan.
Southampton I.
Baffin I.
Cockburn Land
Lancaster Sd.
Jones Sound
Smith Sound
Ellesmere I.
Grinnell Land
Greenland
Arctic Circle
100 Fathoms
C. Farewell
C. Chidley
Labrador Pen.
Labrador Plateau
Hamilton Falls
St. Charles R.
Falls Isle
Belcher Is.
Hudson Bay
James Bay
Albany R.
Moose R.
Winnipeg
L. Winnipeg
L. Manitoba
L. Winnipegosis
L. Athabasca
L. Athapuscow
Lesser Slave Lake
Mackenzie R.
Nelson R.
Churchill R.
Saskatchewan R.
North Saskatchewan R.
Red R.
Assiniboine R.
Missouri R.
Yellowstone R.
Missouri Plateau
Black Hills
Fremont Pk.
Pikes Peak
Denver
Colorado R.
Green R.
Great Salt L.
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Mt. Harvard
Mt. Whitney
Omaha
Chicago
St. Louis
Kansas
Missouri R.
Mississippi R.
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Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
Detroit
Cleveland
Toronto
Niagara Falls
Ottawa
Montreal
Quebec
Gulf of St. Lawrence
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Newfoundland
Cape Breton I.
C. Race
C. Sable
Nova Scotia
Penin. of Nova Scotia
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Cincinnati
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Saguenay R.
Lake St. John
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Mt. McKinley
Mt. Wrangell
Mt. St. Elias
Mt. Hubbard
Mt. Fairweather
Mt. Harvard
Pikes Peak
Mt. Whitney
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Great Basin
Yukon Plateau
Labrador Plateau
Missouri Plateau
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Prairie Provinces
Arctic Plateau
Great Bear Plateau
Great Slave Plateau
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Mt. Fairweather
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Alaska Pen.
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Vancouver I.
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Victoria Island
Prince Patrick I.
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Grant L.
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Devon I.
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Cockburn Land
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Gaspé Pen.
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Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
Detroit
Cleveland
Toronto
Niagara Falls
Ottawa
Montreal
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Cincinnati
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Yellowstone R.
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Fremont Pk.
Pikes Peak
Denver
Colorado R.
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Columbia Plateau
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Mt. Wrangell
Yukon R.
Alaska Range
Endicott Range
Mackenzie R.
Great Bear L.
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Great Bear Plateau
Great Slave Plateau
Peace R.
Athabasca R.
Wollaston L.
Reindeer L.
Baker L.
Dubawnt Lake
Churchill R.
Nelson R.
Saskatchewan R.
North Saskatchewan R.
Red R.
Assiniboine R.
Lake Winnipeg
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L. Athabasca
L. Athapuscow
Lesser Slave Lake
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Labrador Plateau
Prairie Provinces
Great Lakes
Missouri Plateau
Columbia Plateau
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Yukon Plateau
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Mt. Harvard
Pikes Peak
Mt. Whitney

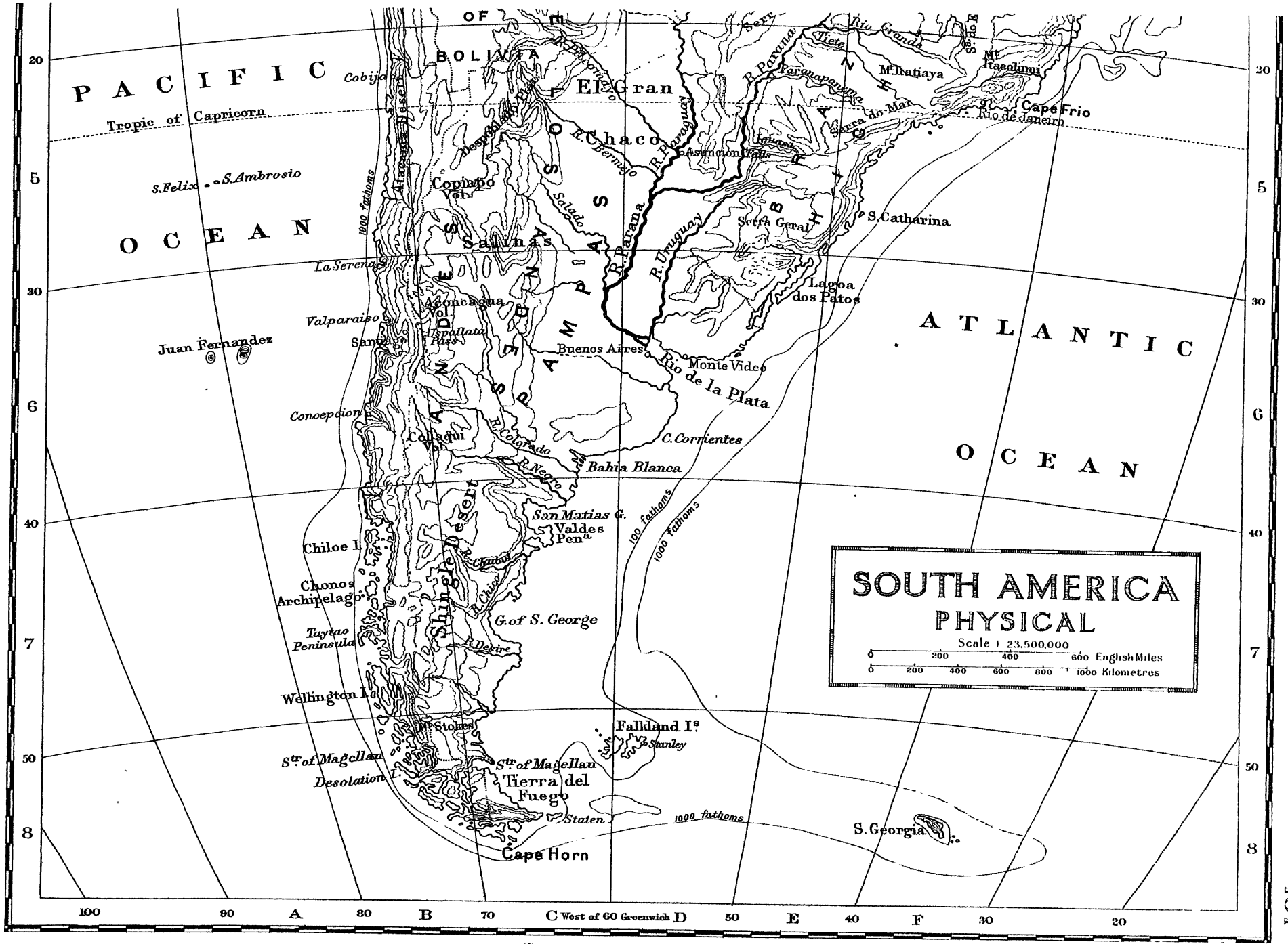

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105
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PACIFIC OCEAN
Gulf of California
Lower California
WASHINGTON
OREGON
IDAHO
NEVADA
Great Basin
CALIFORNIA
MONTANA
WYOMING
UTAH
ARIZONA
COLORADO
NEW MEXICO
NORTH DAKOTA
SOUTH DAKOTA
NEBRASKA
KANSAS
OKLAHOMA
TEXAS
Llano Estacado
Badlands
SONORA
CHIHUAHUA
COAHUILA
NUEVO LEON
MEXICO
CANADA
Seattle
Spokane
Portland
San Francisco
Los Angeles
San Diego
Salt Lake City
Denver
Cheyenne
Pueblo
Albuquerque
Santa Fe
El Paso
Phoenix
Tucson
Guadalupe I.
Regina
Moose Jaw
Swift Current
Calgary
Edmonton
Winnipeg
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Minot
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Jamestown
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Rapid City
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Ensenada
Tijuana
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Rio Grande
Missouri R.
Yellowstone R.
Snake R.
Columbia R.
Pecos R.
Brazos R.
Arkansas R.
Platte R.
Great Salt Lake
Salton Sea
Death Valley
Mojave Desert
Colorado Desert
Gila Desert
Puerta Isabel
Sierra Nevada
Rocky Mts.
Cascade Range
Coast Range
Sierra Madre
Black Hills
Big Horn Mts.
Wind River Mts.
Uinta Mts.
Grand Canyon
Yellowstone Park
Yosemite Nat. Park
Mt. Rainier
Mt. Shasta
Mt. Whitney
Pikes Peak
Longitude West 100 of Greenwich
COLOURING
12000 Feet
9000
6000
3000
1500
600
SEA LEVEL
Land Depression
600 Feet



Britannica

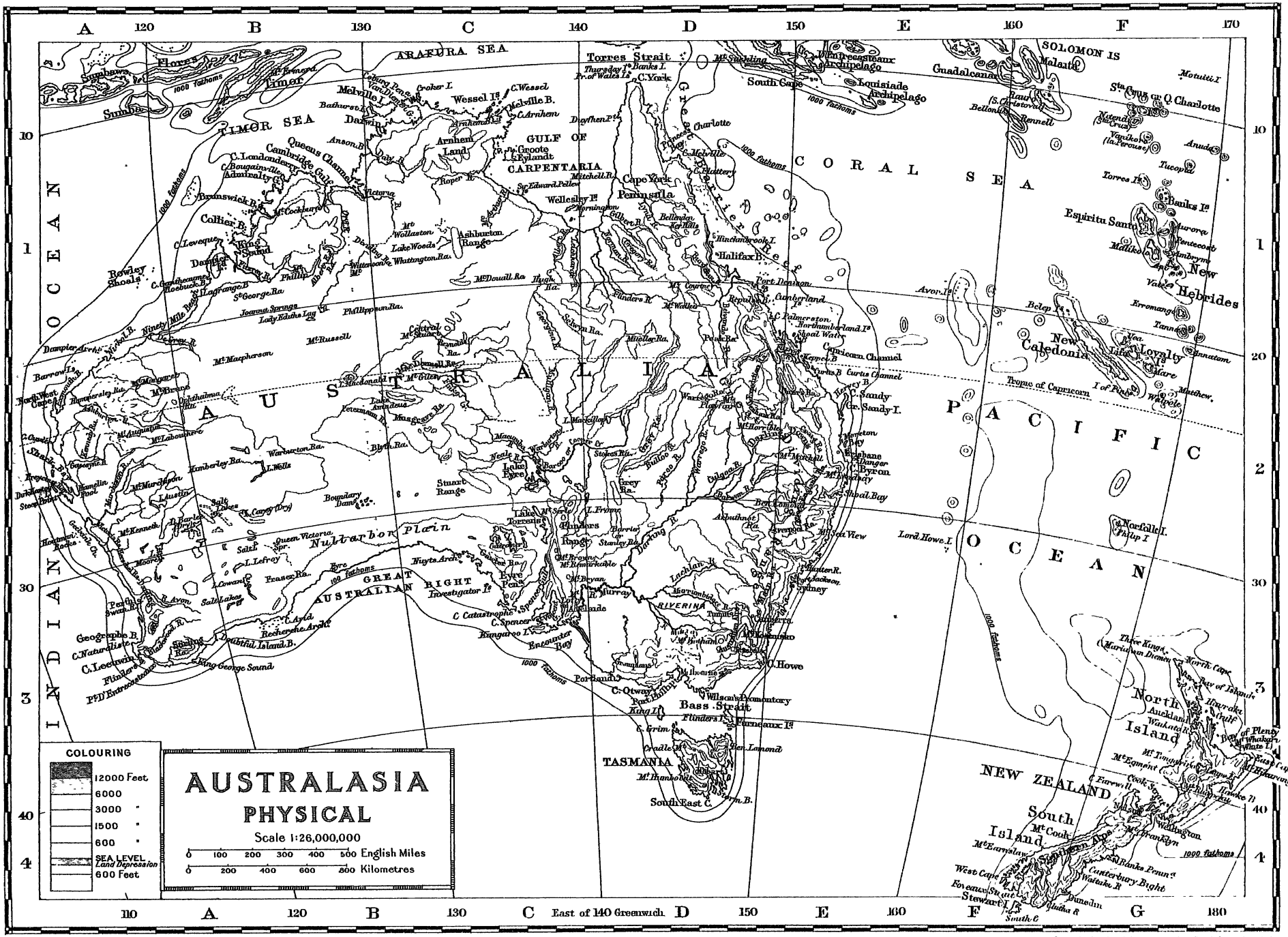
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A
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80
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COLOURING
12000 Feet
6000 "
3000 "
1500 "
600 "
SEA LEVEL
600 Feet
CARIBBEAN SEA
ATLANTIC OCEAN
WEST INDIES
1000 fathoms
100 fathoms
Pt. Gallinas
Maracaibo
Curaçao
Buen Ayre
Margarita
Tobago
Trinidad
Barbados
Martinique
Caracas
Gulf of Venezuela
Lake Maracaibo
Gulf of Darien
ISTHMUS OF PANAMA
Gulf of Panama
Delta of the Orinoco
R. Orinoco
LLANOS OF THE ORINOCO
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Georgetown
Paramaribo
Maroni
Cayenne
C. Orange
Roraima
Kaieteur Falls
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Xarayes Marsh
Taquary
Cayapo
Mt. Itambe
Abrolhos
Piquitinhonha
Coast Range
ANDES
PLATEAU OF BOLIVIA
PLAINS OF BRAZIL



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INDEX

THE INDEX

How It Was Made and Why It Should Be Used

EVERY important article in the preceding twenty-three volumes of the *Encyclopædia Britannica* contains information not only on the main subject there treated, but on many related subjects, these often running into the hundreds. Thus, the article on "France" is not merely a comprehensive account of that country, its history, physical features and statistics; it likewise gives information of its kings, statesmen, wars, railways, peoples, departments, industries and scores of other matters relating to France. Again the article on "Napoleon" necessarily tells of the man, but it must also, in the nature of things, include much information on the Island of Corsica where he was born, on the campaigns he fought, the laws he enacted, the men and women he influenced or who influenced him, and so on to the Island of St. Helena where he died. The first and primary purpose of this Index is to render *instantly* available, by exact reference to volume, page and section of page, all the information in every article in the preceding twenty-three volumes.

The Index serves also another purpose only less important. It solves any problem as to where to look for a given subject or piece of information; thus, there might be some doubt as to where to look for "Intelligence in Animals," or "Laws of War." The Index immediately settles the question. In this edition the number of article headings has been much increased, but there is a limit beyond which the mere multiplying of headings causes needless repetition and the sacrifice of space that can be devoted to additional knowledge.

All the names shown on the maps in this volume (one hundred thousand in number) are also given in the Index in their proper alphabetical position, so that the Index is also a gazetteer of the world.

The present Index, with its hundreds of thousands of entries, unifies the whole work, tells at once where each piece of information is to be found, prevents unnecessary repetition, and allows a large increase in the total information in the volumes.

The 14th Edition of the *Encyclopædia Britannica* consists of twenty-four volumes, but this gives no adequate idea of how large a work it actually is. When, however, one examines a *Britannica* volume, he finds that each consists of 1,000 pages and that each page contains on an average approximately, 1,450 words, a total for the 24 volumes of 35,000,000 words, or the equivalent of 500 volumes of ordinary size and thickness. If one would realize the usefulness and importance of this Index to the 14th Edition of the *Encyclopædia Britannica*, he has but to picture how absurd would be a series of 500 volumes without an Index, and conversely, how necessary an Index under such conditions must be.

Few encyclopaedias have indexes and none on the scale of the *Encyclopædia Britannica*. The reason for this is, doubtless, because the cost of preparation is so large; but the usefulness of an Index is so evident, and it adds so greatly to the value of the work as a whole, that the publishers of this work have felt that, no matter what the cost, it should be prepared. They earnestly advise every owner to make frequent use of it; it will repay a hundredfold the time spent in consulting it.

The aim of the Index, as has been said, is to refer to the facts distributed under the large number of articles, and therefore to render available all the information in the articles and illustrations. The success attained in this distribution may be estimated from the fact that the refer-

ences in this volume total almost 500,000. The rule followed by the indexers was to make reference cards only in cases where some substantial information is given. Each reference, therefore, refers to one or more essential facts and in essence is, as it were, an encyclopaedic article; it might well be claimed that 500,000 is the approximate number of articles in the 14th Edition. The total number of references the Index might contain would very greatly exceed half a million were it not for the rule followed by the indexers that information in subordinate articles was not to be indexed if covered in a main article. In other words, only necessary references are given.

The reader is referred to the rules and abbreviations given on the succeeding pages. We may here state, however, that the headings in the Index are given in two styles of type—bold-face and light-face. The use of bold-face indicates an article in the *Encyclopædia Britannica;* light-face, information contained in an article or on an illustration or map. The first reference after the heading, if in a square bracket, is always to the atlas maps, that is, to the maps shown in volume 24. Of these there may be one or more according as the reader may find useful information on one or more of the maps. The references that follow the square brackets are to the twenty-three volumes preceding this one. The first reference is always to the article, if there is one of the same title as the Index entry. After that follow others to other articles, arranged alphabetically or according to their importance. References to towns are followed by an abbreviation including the country or State, and often the county, in which they are situated, while physical features such as lakes, rivers, mountains are identified as such. To render the Index still more useful, persons are identified (by abbreviations in parentheses) as to their nationality or profession; similarly, things of the same name are followed by a descriptive word or abbreviation in parentheses.

All illustrations, whether half-tone or colour plates or in the text, are indexed, so that all of this information also is available for the reader. If the reference is to a text illustration, the reference shows its position on the page. If to a full plate it gives the article which the illustration accompanies and the particular figure referred to.

In the case of important articles, as for example, "France," where there are scores, often hundreds of references, the references are grouped together for the convenience of the user under different sub-titles, as Agriculture, Army, Commerce and Industry, Finance, History, etc. These subheadings are arranged alphabetically, as indeed are all references under each subheading, so that the reader will find almost instantly the references for which he is looking.

In this connection the reader is reminded of the fact that in the body of the *Encyclopædia* itself in their alphabetical places are many headings under which are given a list of the more important articles relating to that subject. Thus, the reader will find in the proper places articles entitled *Agricultural Articles*, *Architectural Articles*, *Insurance Articles*, etc. If he desires to continue the subject he will find under the headings there mentioned additional references, so that if he wishes to pursue a course of reading he will be carried along logically from one subject to another.

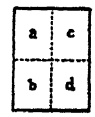
Throughout the 14th Edition the reader will find also an unusually large number of cross references. These also are of great assistance since the reader might look for information under a different heading from that preferred by the Editors.

The reader will also notice that at the outside top column of each page of the Index are given key words or headings which identify the first and last references on that page. These are for the purpose of enabling the reader to locate the more readily the references included within each page. The reader is also urged to read the rules which immediately follow on the next page.

RULES AND ABBREVIATIONS

I. Type.—Headings printed in bold-face capitals (*e.g.*, FRANCE) represent article headings in the *Encyclopædia Britannica;* headings in light-face type, information in the text of articles, in an illustration or on a map. Immediately after the headings come the references, if any, to the atlas maps in volume 24, always enclosed in square brackets. The next reference is to the article heading if there is one. After that the references are to information contained in the text of the various articles; these references, if qualified by a descriptive word, are arranged alphabetically, or, if unqualified, in order of importance.

All references show (1) the volume in bold-face arabic numerals; (2) the page number in light-face type; (3) the exact quarter of the page by means of the letters, a, b, c, d, signifying respectively the upper and lower halves of the first and second columns (*e.g.*, CANADA 4-690a). In atlas reference these letters are replaced by an indication of the map square in the usual form (*e.g.*, B4).



A dash (—) denotes the repetition of the preceding heading, or of its first separate word. Hyphenated words are treated as single words. Headings in italic type denote books, poems, plays, reviews, essays, stories, newspapers, histories, etc.; operas, oratorios, cantatas, symphonic poems and similar works. Quotation marks are used for ships, pictures, songs, racehorses, statues, guns, airships, aeroplanes and orations.

II. Alphabetization.—All headings, whether consisting of a single word or of two or more, are treated for the purpose of alphabetization as single complete headings. Individuals of the same name and title are arranged in order of the importance of their titles; *e.g.*, emperors precede kings, dukes precede earls, etc. A classifying word or phrase following the heading and in parentheses is not treated as part of the heading for alphabetical purposes except in a series of identical headings.

Where the same name denotes persons, places and things the order is (1) persons, (2) places, (3) things.

Names beginning with "Mc" and "M'" are alphabetized as "Mac"; "St." is treated as "Saint"; "SS." as "Saints."

All numerals that might be expected to occur at the beginning of headings are spelled out; the same is true of Greek letters; *e.g.*, α-ray as alpha ray.

III. Geographical Headings.—These, when situated in the British Isles, are followed by the county and the country, when in the United States by the State, when in Canada and Australia by the province and the country, and when elsewhere by the country only, unless two of the same name and character occur in the same country, when the province or department or similar subdivision is given to differentiate them. "U. S. S. R." is the abbreviation used for European Russia and "(Sib.) U. S. S. R." for Siberia. Topographical headings other than towns and villages are described as "riv.," "mt.," etc. In cases like "Big Mountain," "Big River," denoting physical features, the arrangement is

Big, mt.
—, riv.

Such headings as "Big Mountain, Calif.," or "Mount Hope, Mass.," denote towns, not mountains.

IV. Abbreviations.—The following list includes the general contractions adopted for this Index. The contractions used in special branches of knowledge are included in the Index itself and in the article ABBREVIATIONS (vol. 1, p. 23).

LIST OF ABBREVIATIONS

abbrev.	abbreviation
Aby.	Abyssinia
act.	actor
A.D.	Anno Domini
adm.	admiral
A.E.F.	American Expeditionary Force
Aeg.S.	Aegean Sea
aero.	aeronautics
A.-E.Sud.	Anglo-Egyptian Sudan
Af.	Africa
Afg.	Afghanistan
Af.Rom.	Roman Africa
agri.	agriculture
Ala.	Alabama
Alban.	Albania
Alg.	Algeria
Alsk.	Alaska
Als.-Lor.	Alsace-Lorraine
Alta.	Alberta
Am.	America
anat.	anatomy
anc.	ancient
anchor.	anchorage
And.Is.	Andaman Islands
Ang.	Angola
Antarc.	South Polar Regions
anthro.	anthropology
antiq.	antiquities
Arab.	Arabia
arch.	architecture
archae.	archaeology
archbp.	archbishop
archip.	archipelago
Arct.	North Polar Regions
Arg.	Argentina
arith.	arithmetic
Ariz.	Arizona
Ark.	Arkansas
Arm.	Armenia
art.	artist
A.S.	Anglo-Saxon
Ash.	Ashanti
Asia M.	Asia Minor
Assin.	Assiniboia
Assyr.	Assyria
astrol.	astrology
astron.	astronomy
Ath.	Athenian
Athab.	Athabasca
Atl.O.	Atlantic Ocean
au.	author
Aus.	Austria
Austr.	Australia
aut. area	autonomous area
Az.	Azores
b.	born
Babyl.	Babylonia
bac.	bacteriology
Bah.	Bahamas
Bal.	Baluchistan
Bal.Is.	Balearic Islands
bart.	baronet
Basu.	Basutoland
Bav.	Bavaria
B.C.	Before Christ
B.C.	British Columbia
Bech.	Bechuanaland
Beds.	Bedfordshire
B.E.F.	British Expeditionary Force
Bel.Cong.	Belgian Congo (including Congo Free State)
Belg.	Belgium
Ber.	Bermudas
Berks.	Berkshire
bev.	beverage
bibl.	biblical
bibliog.	bibliography
biog.	biography
biol.	biology
bldg.	building
Bohem.	Bohemia
Bol.	Bolivia
Bor.	Borneo
boro.	borough
Bosn.	Bosnia
bot.	botany
bp.	bishop
Braz.	Brazil
Br.E.Af.	British East Africa
Brit.	British
Brit.Gui.	British Guiana
Bucks.	Buckinghamshire
Bulg.	Bulgaria
Bur.	Burma
c.	about
C.Af.	Central Africa
Calif.	California
C.Am.	Central America
Cambs.	Cambridgeshire
Camer.	Cameroon
Can.	Canada
Can.Is.	Canary Islands
Cape Col.	Cape Colony
capt.	captain
card.	cardinal
Carib.	Caribbean
caric.	caricaturist
C.As.	Central Asia
cath.	cathedral
Cauc.	Caucasia; Caucasus
Celt.	Celtic
cent.	century
Cey.	Ceylon
champ.	champion
chan.	channel
Chan.Is.	Channel Islands
chem.	chemistry
Ches.	Cheshire
Chil.	Chilean
Chin.	Chinese
chron.	chronology
class.	classical
cler.	clergyman
Co.	Company
co.	county
col.	colonel
coll.	college
Colo.	Colorado
Colom.	Colombia
com.	commerce
comm.	commander
comp.	composer
Conf.	Confederate
Conn.	Connecticut
Corn.	Cornwall
Cors.	Corsica
C.R.	Costa Rica
cr.	creek
Croat.Slav.	Croatia Slavonia
crystall.	crystallography
Cu.	Cuba
Cumb.	Cumberland
C.Verd.Is.	Cape Verde Islands
Czech.	Czechoslovakia
d.	died
Dah.	Dahomey
Dalm.	Dalmatia
Dan.	Danish
D.C.	District of Columbia
Del.	Delaware
Den.	Denmark
dept.	department
Derby.	Derbyshire
Dev.	Devonshire
dipl.	diplomat
dist.	district
div.	division
dom.	dominion
Dorset.	Dorsetshire
dram.	dramatist
Du.	Dutch
Du.E.I.	Dutch East Indies
Du.Gui.	Dutch Guiana
Du.N.Guin.	Dutch New Guinea
Dur.	Durham
Du.W.I.	Dutch West Indies
E.Af.	East Africa
Ec.	Ecuador
eccl.	ecclesiastical
econ.	economics
ed.	editor; edition
educ.	education
Egy.	Egypt
E.Ind.	East Indies
elec.	electricity
embryol.	embryology
emp.	emperor
Eng.	England

engin.	engineering
engr.	engraving
entom.	entomology
Ep.	Epirus
Erit.	Eritrea
Ess.	Essex
Est.	Estonia
est.	estuary
ethnol.	ethnology
Eur.	Europe
expl.	explorer
f.	father
Falk.Is.	Falkland Islands
fam.	family
fig.	figure
Fin.	Finland
fin.	finance
fl.	flourished
Fla.	Florida
Flem.	Flemish
fol.	following
For.	Formosa
Fr.	France
Fr.Equat.Af.	French Equatorial Africa
Fr.Gui.	French Guiana
Fr.I.C.	French Indo-China
Fr.W.Af.	French West Africa
ft.	fort
Ga.	Georgia
Gam.	Gambia
gen.	general
geog.	geography
geol.	geology
geom.	geometry
Ger.	Germany
Ger.E.Af.	German East Africa
Ger.S.W.Af.	German S.W. Africa
Gib.	Gibraltar
Glos.	Gloucestershire
Go.Cst.	Gold Coast
gov.	governor
govt.	government
Gr.	Greece
gram.	grammar
Green.	Greenland
Gt.Brit.	Great Britain
Guat.	Guatemala
Guin.	Guinea
h.	husband
Hai.	Haiti
Hants.	Hampshire
harb.	harbour
Haw.	Hawaii
Heb.	Hebrew
her.	heraldry
Herc.	Hercegovina
Hereford.	Herefordshire
Herts.	Hertfordshire
hist.	history
hlds.	highlands
Holl.	Holland
Hond.	Honduras
hort.	horticulture
hum.	humanist
Hung.	Hungary
Hunts.	Huntingdonshire
I.	Island
Ia.	Iowa
Ice.	Iceland
Ida.	Idaho
I.E.	Indo-European
I.F.S.	Irish Free State
il.	illustration
Ill.	Illinois
Ind.	Indiana
Ind.O.	Indian Ocean
indus.	industry
inst.	institution
instru.	instrument
inv.	inventor
I. of M.	Isle of Man
Ir.	Irish
Ire.	Ireland
isl.	island
isth.	isthmus
It.	Italy
Iv.Cst.	Ivory Coast
Jam.	Jamaica
Jap.	Japan
Jav.	Java
journ.	journalist
jr.	junior
jur.	jurist
k.	king
Kan.	Kansas
king.	kingdom
Kor.	Korea
Ky.	Kentucky
La.	Louisiana
Lab.	Labrador
Lac.Is.	Laccadive Islands
Lag.	Lagos
Lancs.	Lancashire
lang.	language
Lat.	Latin
law.	lawyer
Leics.	Leicestershire
Lib.	Liberia
Lib.Des.	Libyan Desert
libn.	librarian
lieut.	lieutenant
Lincs.	Lincolnshire
lit.	literature
Lith.	Lithuania
Lond.	London
Ltd.	Limited
Luxem.	Luxembourg
Lyc.	Lycia
m.	married
Maced.	Macedonia
Mack.	Mackenzie
Mad.	Madagascar
Mad.Is.	Madeira Islands
mag.	magazine
maj.	major
Mal.Arch.	Malay Archipelago
Mal.Penin.	Malay Peninsula
Man.	Manitoba
Mass.	Massachusetts
math.	mathematics
Maur.	Mauritius
Md.	Maryland
Mdx.	Middlesex
Me.	Maine
mech.	mechanics
med.	medicine
Medit.	Mediterranean
mer.	merchant
Mesop.	Mesopotamia
met.	metal; metallurgy
meteorol.	meteorology
Mex.	Mexico
mfr.	manufacture
Mich.	Michigan
mil.	military
mil.p.	military post
min.	mineral; mineralogy
minis.	minister
Minn.	Minnesota
Miss.	Mississippi
M.Lat.	Mediaeval Latin
Mo.	Missouri
mod.	modern
Moham.	Mohammedan
Mong.	Mongolia
Monm.	Monmouthshire
Mont.	Montana
Monten.	Montenegro
Mor.	Morocco
ms.	manuscript
mt.	mount
mus.	music
myth.	mythology
N.Af.	North Africa
N.Am.	North America
N.Am.Ind.	North American Indian
nat.	naturalist
natl.	national
naut.	nautical
nav.	naval
navig.	navigator
N.B.	New Brunswick
N.C.	North Carolina
N.Dak.	North Dakota
N.E.Af.	North-East Africa
Neb.	Nebraska
Neth.	Netherlands
Nev.	Nevada
news.	newspaper
Nfd.	Newfoundland
N.G.	New Guinea
N.H.	New Hampshire
Nic.	Nicaragua
nick.	nickname
Nig.	Nigeria
N.Ire.	Northern Ireland
N.J.	New Jersey
N.Mex.	New Mexico
Nor.	Norway
Norf.	Norfolk
Northants.	Northamptonshire
Northumb.	Northumberland
Notts.	Nottinghamshire
nov.	novel
N.S.	Nova Scotia
N.S.W.	New South Wales
N.T.	New Testament
Nub.	Nubia
N.Y.	New York
N.Z.	New Zealand
O.	Ohio
of.	officer
offi.	official
Okla.	Oklahoma
Ont.	Ontario
Oreg.	Oregon
Or.Fr.St.	Orange Free State
orient.	orientalist
ornith.	ornithology
O.T.	Old Testament
Oxon.	Oxfordshire
Pa.	Pennsylvania
Pac.O.	Pacific Ocean
paint.	painting
Pal.	Palestine
palaeog.	palaeography
palaeon.	palaeontology
Pan.	Panama
Parag.	Paraguay
path.	pathology
P.E.I.	Prince Edward Island
penin.	peninsula
period.	periodical
Pers.	Persia
petrol.	petrology
pharm.	pharmacy
philan.	philanthropy
philol.	philology
philos.	philosophy
phot.	photography
phren.	phrenology
phys.	physics
physic.	physician
physiol.	physiology
P.I.	Philippine Islands
Pl.	plate illustration
plat.	plateau
Pol.	Poland
pol.	politics
pol.sci.	political science
pop.	population
Port.	Portugal
port.	portrait
Port.E.Af.	Portuguese E. Africa
Port.Guin.	Portuguese Guinea
P.R.	Porto Rico
preft.	prefecture
pres.	president
print.	printing
prof.	professor
Prot.	Protestant
prov.	province
Prus.	Prussia
pseud.	pseudonym
psych.	psychology
pt.	point
pub.	public
publ.	publisher
public.	publicist
q.	queen
Que.	Quebec
Queens.	Queensland
R.C.	Roman Catholic
rd.	road
rel.	religion
rep.	republic
res.	reservoir
reserva.	reservation
resid.	residency
rev.	revolution
rhet.	rhetoric
Rhod.	Rhodesia
R.I.	Rhode Island
riv.	river
Rom.	Roman
R.R.	railroad
Rum.	Rumania
Russ.	Russia
Rutl.	Rutland
ry.	railway
S.	San
s.	son
S.Af.	South Africa
Sah.	Sahara
sail.	sailor
Salop.	Shropshire
Salv.	Salvador
S.Am.	South America
S.Am.Ind.	South American Indian
Sard.	Sardinia
Sask.	Saskatchewan
S.Aus.	South Australia
Sax.	Saxony
S.C.	South Carolina
Scand.	Scandinavia
schol.	scholar
sci.	science
Scot.	Scotland
sculp.	sculpture
sd.	sound
S.Dak.	South Dakota
Sen.	Senegal
Serb.	Serbia
(Sib.) U.S.S.R.	Siberia
Sic.	Sicily
S.L.	Sierra Leone
sociol.	sociology
sol.	soldier
Som.	Somersetshire
Somlnd.	Somaliland
Sp.	Spain
sr.	senior
SS.	Saints
s.s.	steamship
St.	Saint
Sta.	Santa
Staffs.	Staffordshire
states.	statesman
statis.	statistician
Ste.	Sainte
str.	strait
Sud.	Sudan
Suff.	Suffolk
Sum.	Sumatra
Sur.	Surrey
surg.	surgery
Sus.	Sussex
Swaz.	Swaziland
Swed.	Sweden
Switz.	Switzerland
Syr.	Syria
Tas.	Tasmania
Tenn.	Tennessee
terr.	territory
Teut.	Teutonic
Tex.	Texas
theol.	theology
Tib.	Tibet
Togo.	Togoland
trag.	tragedy
Trans.	Transvaal
trans.	translation
Transyl.	Transylvania
trav.	traveller
trib.	tributary
trig.	trigonometry
Trip.	Tripoli
Tun.	Tunisia
Turk.	Turkey
Turkist.	Turkistan
typog.	typography
Ugan.	Uganda
U.K.	United Kingdom
univ.	university
U. of S.Af.	Union of South Africa
Urug.	Uruguay
U.S.	United States
U.Sen.	Upper Senegal
U.S.S.R.	Russia in Europe
v.	versus
Va.	Virginia
val.	valley
Venez.	Venezuela
vet.	veterinary
Vict.	Victoria
vil.	vilayet
Vt.	Vermont
w.	wife
W.Af.	West Africa
Warwick.	Warwickshire
Wash.	Washington
W.Aus.	Western Australia
Westm.	Westmorland
W.I.	West Indies
Wilts.	Wiltshire
Wis.	Wisconsin
Worcs.	Worcestershire
writ.	writer
W.Va.	West Virginia
Wyo.	Wyoming
Yorks.	Yorkshire
Yuc.	Yucatan
Yugos.	Yugoslavia (Kingdom of Serbs, Croats and Slovenes)
Zanz.	Zanzibar
zool.	zoology
Zu.	Zululand

THE ENCYCLOPÆDIA BRITANNICA

FOURTEENTH EDITION

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—, riv., Braz. **19**-983b.
Abagha (emp.) **17**-587d.
Abai, riv., Af.: *see* Blue Nile.
Abaiang, isl., Gilbert Isls. **10**-346b.
ABAILARD: *see* Abélard.
Abaizi (rainmaker) **1**-987d
Abajo, mts., Utah [**24**-152 E5; **24**-188 E3].
Abaka (Mong. emp.): *see* Abagha.
Abaka (Af. tribe) **1**-306a.
ABAKA (plant): *see* Abaca.
Abakaliki, Nig. [**24**-80 F4; **24**-82 A1].
ABAKANSK, (Sib.) U.S.S.R. **1**-7c.
Abakan Tatars (people) **21**-833a.
Abaka-Zulu: *see* Ndebele.
Abalesran, Arab. [**24**-62 D2].
Aballo, Fr.: *see* Avallon.
ABALONE 1-7d.
Abamangi (Af. chief): *see* Bakungu.
Abambo (tribe) **16**-129a.
Abamgamook, lake, Me. [**24**-96 D3].
ABANA, rivs., Asia M. **1**-7d; **13**-852d.
Abancay, prov., Peru **2**-156b.
—, Peru [**24**-162 C6], **2**-156b.
— (battle) **1**-668c.
ABANCOURT, CHARLES X. J. de Franqueville d' 1-7d.
Abancourt, Fr. [**24**-24 G2].
Abanda, Ala. [**24**-118 D2].
ABANDONMENT 1-7d.
Abañeenga: *see* Tupi (old).
Abangarez, C. R. **6**-499b.
ABANO, PIETRO D' (philos.) **1**-8a.
Abano, It. **15**-531b.
ABANO TERME, It. **1**-8b.
ABANTES (anc. people) **1**-8b; **8**-792a.
Abantis, isl., Gr.: *see* Euboea.
Abaque: *see* Abacus.
Abaquesne, Masseot (potter) **18**-347d; tiles **22**-214a.
Abarambo, Bel. Cong. [**24**-83 E2].
ABARBANEL: *see* Abrabanel.
Abarca (shoe) **15**-930d.
Abarquh, Pers. [**24**-63 C2].
Abarr, Colo. [**24**-147 H2].
Abars, Tib. [**24**-66 C1].
Aba Samuel **10**-258d.
Abaseni: *see* Habashat.
Abashiri, Jap. [**24**-75 O1].
ABATED (masonry) **1**-8b.
ABATEMENT (law) **1**-8b; **2**-561a; ouster **16**-971a.
Aba-Tetwa (Af. tribe): *see* Umtetwa.
Abathur (myth.) **14**-787c.
ABATI, NICCOLO (It. paint.) **1**-8d.
ABATIS 1-8d; **9**-543b.
Abatoa (tribe) **16**-481d.
"A" BATTERY (elec.) **1**
ABATTOIR 1-8d; Paris 288a: *see also* Slaughhouse.
ABAUZIT, FIRMIN 1-10c.
Abava, riv., Latvia [**24**-B2].
Abaya, lake, Aby. [**24**-G1]; map **1**-71.
Aba Zebra: *see* Zebra, Ab
Abba, G. C. **12**-747b.
Abba, isl., Sud. **16**-453b.
'ABBA 'ARIKA (Bal 'amora) **1**-10d; Taln **21**-770c.
Abbach, Ger. [**24**-39 H5].
Abbad El Motaddid **1**-10d.
Abbadia, Bahia, Braz. [164 C3].
—, Minas Geraes, Braz. [164 A4].
ABBADIDES (dynasty) 10d; **20**-401a.
ABBADIE, ANTOI Thomson d' 1-11a; 1-5b.
—, **ARNAUD M. D'** 1-11a.
Abba Garima, Aby. **1**-77b.
'ABBAHU (Pal. rabbi) 11b.
Abbai, riv., Aby. [**24**-79 D **1**-70c; map **1**-71.
ABBA MARI (rabbi) **1**-11b
Abba Meherka Dengel (Et opic writ.) **8**-780a.
Abbaretz, Fr. [**24**-24 D4].
'ABBAS I. (the Gre (Pers.) **1**-11c; Armeni settlements **2**-379b; gen **17**-590c; extraterritorial **17**-554d; Isfahan **12**-7 fol.; Port. war **11**-74 pottery **18**-372a; reign 589d fol.; Eng. mercha **20**-564b; throne **22**-163
ABBAS II. (Hilmi Pas 11d; **8**-92a fol.; Nu Pasha **16**-583c.
ABBAS II. (Hilmi Pash (Egy. khedive) **1**-11d; 92a; **8**-94c; deposed **8**-9
— (emir Kano, Af.) **13**-2
— (of Merv., poet) **17**-60
— (uncle of Mohammed) 12a.
— (vizier of Egy., c. 1154) 82d fol.
Abbasabad, Pers. [**24**-63 C
Abba Sälamä (Ethiop writ.) **8**-779d fol.; **9**-887c.

'Abbās Effendi **2**-839a.
Abbāsi, Alī Rizā (Pers art.): painting Pl. I. fig. 6 **17**-PERSIAN ART.
Abbasia, Egy. **4**-536c; Brit occupation (1882) **8**-101d
ABBASIDS (Moham. dynasty) **1**-12a; Arab. hist. **2**-179d; Arab. lit. **2**-194d; arch. style **15**-651c; caliphate **4**-605a fol.; Egy. **8**-79c; 'Iraq **15**-298b; law **12**-714d; Moham. campaign **15**-658b; Omayyads **1**-27b; Persia **17**-586c; Sp. **21**-126d.
ABBAS MIRZA (Pers. prince) **1**-12b; army **17**-552d; conquests **17**-594c.
Abbas populi **1**-21c.
ABBAS-TUMAN, U.S.S.R. [**24**-59 K2]; **1**-12b.
Abbatia (rel.): *see* Abbey.
Abbatia Lacensis (German abbey): *see* St. Maria Laach.
ABBAYE (Fr. artists) **1**-12b.
Abbaye-aux-Dames church, Fr.) **4**-488b; **16**-493b; crypt **6**-806c.
Abbaye-aux-Hommes (church, Fr.) **4**-488b; **16**-493b; interior Pl. II. fig. 7 **4**-BYZANTINE AND ROMANESQUE ARCHITECTURE.
ABBAZIA, prov., It. **1**-12b.
Abbazia, It. [**24**-34 E2]; compact of (1901) **10**-790a.
ABBE, CLEVELAND (meteorol.) **1**-12c; weather reports **5**-710b.
ABBE, ERNST (Ger. phys.) **1**-12c; aberration **15**-436c; condenser **2**-901a; diffraction **15**-438d; optics **16**-827d; prism binoculars **3**-583d; refractometer **1**-12d.
Abbé (eccles.) **1**-21c.
Abbé Aubain, L' (Mérimée) **15**-280a.
Abbé Constantin, L' (Halévy) **11**-90d.
Abbedun, Berks., Eng.: *see* Abingdon.
Abbendon, Edmund de (archbp. of Canterbury): *see* Rich, Edmund.
Abbenes, Holl. **11**-51d.
Abberton, Eng. [**24**-15 D4].
ABBESS **1**-12d.
Abbesse de Flouarre, L' (dram., Renan) **7**-766a.
Abbeville, Ala. [**24**-118 D4].
ABBEVILLE, Fr. [**24**-24 G1]; **1**-12d; church fig. 2G; **10**-545.
—, Ga. [**24**-114 C5].
—, La. [**24**-121 B4].
ABBEVILLE, Miss. [**24**-119 C1].
—, co., S. C. [**24**-113 B2].
—, S. C. [**24**-113 B2]; **1**-12d.
ABBEY, EDWIN AUSTIN (paint.) **1**-13b; "Anne Page" Pl. fig. 10 **17**-PEN DRAWING; Boston library **3**-934c; "Golden Tree" Pl. IV. fig. 3 **15**-MURAL PAINTING; Harrisburg **11**-218b; mural painting **15**-971c.
"Abbey, Edwin" (statue, Brock) **4**-226a.
Abbey, It. A. **12**-563c.
Abbey, dist., Lond. **23**-539c.
—, Yorks., Eng. [**24**-13 C4; **24**-14 B2].
—, N. Mex. **16**-319b.
ABBEY (rel.) **1**-13d.
Abbey Craig, mt., Scot. **21**-412d.
Abbey Dore, Hereford, Eng. [**24**-16 D3]; church **11**-498c.
Abbeyfeale, I.F.S. [**24**-21 B4].
Abbeyleix, I.F.S. [**24**-20 D4]; **13**-899a.
Abbey theatre (Dublin) **7**-609a fol.; **12**-638a; Lady Gregory **10**-873c; **14**-222a; Synge **21**-709c; Yeats **23**-882c.
Abbey Town, Eng. [**24**-13 A3].
Abbo Floriacensis: *see* Abbon of Fleury.
Abbogada Pear: *see* Avocado Pear.
Abbon (count of Poitiers) **18**-125c.
Abbondanza, Strada dell' **18**-200b fol.
ABBON OF FLEURY **1**-20b.
Abbot, Charles, 1st baron Colchester: *see* Colchester.
—, **CHARLES G.** (phys.) **1**-20b; Smithsonian Inst. **20**-838b; solar radiation **21**-563a.
—, **EZRA** **1**-20c.
ABBOT, GEORGE (archbp.) **1**-20d, **4**-767a.
—, Sir John (states.) **4**-709b.
—, **WILLIAM** (Brit. act.) **1**-20d.
Abbot, Ia. [**24**-138 D2].
—, Me. [**24**-96 C3].
—, bay, Austr. [**24**-169 C2].
ABBOT **1**-20d; peerage **17**-437b; *see also* Archimandrite.
Abbot (of Unreason): *see* Misrule, Lord of.
Abbot Primate **3**-399b.
Abbots' Bromley, Staffs., Eng. [**24**-14 B3].
Abbotsbury, Eng. [**24**-17 D4].
Abbots Duiker (zool.) **10**-6b.
Abbotsford, Scot. [**24**-19 F6; **24**-12 B2].
—, Wis. [**24**-132 C5].
ABBOTSFORD (estate, Roxburghshire, Scot.) **1**-21d.
Abbot's kitchen (Glastonbury, Eng.) **10**-422b.
ABBOTT, EDWIN ABBOTT (schol.) **1**-22a.
—, **EMMA** (sing.) **1**-22a.
—, Evelyn (schol.) **1**-22a.
—, **GEORGE** (dram.) **1**-22a.
—, **GRACE** **1**-22b.
—, **JACOB** (writ.) **1**-22b; **5**-476b.
—, **SIR JAMES** (sol.) **1**-22c; **1**-23a.
—, **JOHN S. C.** (writ.) **1**-22c; **5**-476b.
—, Lewis (sci.) **14**-766a.
—, **LYMAN** (cler.) **1**-22d.
—, **WILBUR C.** (hist.) **1**-22d.
—, Yarnall (art.) Pl. fig. 7 **21**-TEMPERA.
Abbott, Colo. [**24**-147 G2].
—, Miss. [**24**-119 D2].
—, Neb. [**24**-139 F4].
—, N. Mex. [**24**-148 E2].
—, Pa. [**24**-106 D2].
—, Va. [**24**-110 D3].
ABBOTTABAD, India [**24**-65 C2]; **1**-23a.
Abbotts, W. Aus., Austr. [**24**-168 B4].
Abbottsburg, N. C. [**24**-112 G3].
Abbotts Run, R.I. [**24**-100 C2].
Abbottstown, Pa. [**24**-107 E4].
Abbot Village, Me. [**24**-96 C3].
ABBEVIATION (lit.) **1**-23c; inscriptions **12**-398d: *see also* under leading letters.
Abbreviationes Chronicorum (Diceto) **7**-330c.
ABBREVIATORS (papal offi.) **1**-26b.
Abbt, Thomas **10**-244c.
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A. B. C. (publ.): *see* Audit Bureau of Circulation.
A B C of Aristotle (game): *see* Crambo.
A. B. C. POWERS (S. Am. pol.) **1**-26d; **22**-836a.
— (instru.) **23**-565d.
'Abda, Pal. [**24**-60 B6].
Abd al-'Aziz (Egy. sultan): *see* Manṣūr, Malik al- (Abd al-'Aziz).
— (Egy. gov.) **8**-79a.
'Abd al-fādir (poet) **2**-195a.
Abdali (of Afg.): *see* Ahmad Shah.
Abd-Alla (caliph): *see* Abu-Bekr.
Abdalla (of Cordova): *see* 'Abd-ar-Rahman I.-V.
Abdallah (caliph): *see* Mamun.
'Abd-Allah II. (amir) **1**-672c.
Abdallāh b. Sa'd (Egy. gov.) **8**-79a.
— b. Tāhir **8**-79c.
— b. Zobair (Moham. leader) **8**-79a.
— ibn Ibad (Arab ruler) **22**-175a.
— ibn 'Umar al-Baidāwī (critic): *see* Baidāwī.
— ibn Zobair (caliph) **2**-179c.
— Pasha (ruler) **17**-132a.
"Abdallah" (horse) **11**-770b.
ABDALLATIF (physic.) **1**-27a.
Abdalmalik ('Abd el-Melek) (caliph) **4**-602a; Abdallah ibn Zobair **2**-179d; Jerusalem dome **17**-131a; Pers. **17**-586b.
— b. Nuh. (Samanids) **19**-916d fol.
Abd al-Malik ibn kuraib (schol.): *see* Asma'i.
'Abd al-Rahīm b. 'Alī al-Baisānī (Egy. offi.): *see* Qādi 'al-Fādil.
'Abd al-Razzāq Samarqandi (Pers. hist.) 1482 **17**-609d.
Abdank-Abakanowicz (math.) **15**-70d.
'ABD-AR-RAHMAN I.-V. (Omayyad princes) **1**-27b.
'Abd-ar-Rahmān (Moorish offi.) **22**-329b fol.; **5**-293c.
Abdashtart (of Sidon): *see* Strato I. (of Sidon).
Abdeh, Pal. [**24**-60 C1].
ABD-EL-AZIZ IV. (sultan of Mor.) **1**-27d.
Abd-el-Hakk (Mor. amir) **15**-815d.
Abd-el-Jelil (Arab chief) **9**-211d.
Abd-el-Ka'ba (Moham. caliph): *see* Abu-Bekr.
ABD-EL-KADER (amir of Mascara) **1**-28a; **1**-618c; **15**-10b; Tafna **4**-345d.
— (Mahdist gen.) **10**-527a.
ABDEL KRIM (Mor. chief) **1**-28c; **15**-819a; **21**-145b fol.; **17**-33d; Lyautey **14**-509d.
Abd-el-Kuri, isl., Ind. O. **20**-937a.
— Mūmin el Kūmi (Moham. leader) **1**-672b.
'Abd-el-Wāhid (Moham. amir) **1**-672c; **22**-260a.
ABDERA, Gr. **1**-28d; map **19**-501 (H3).
ABDERA, Sp. **1**-29a: *see also* Adra.
Abderiten, Die (Wieland) **10**-224b.
Abd-er-Rahman II. (Mor. k.) **15**-817a.
— (Darfur) **7**-57d.
ABDICATION (law) **1**-29a.
"Abdiel" (destroyer) **13**-228a.
Abd-milkath (Sidon) **17**-767c.
ABDOMEN (anat.) **1**-29b; **1**-882b; arteries **2**-452c; embryology **15**-989b; organs fig. 1 **1**-629; radiography **1**-885b; respiration **19**-218d; veins **23**-29c: *see also* Anatomy; Alimentary Canal; Opisthosoma.
—, **SURGERY OF** (med.) **1**-29b; **21**-604a; *see also* under various organs.
Abdominal pores (anat.) **5**-971b.
— segments (insect anat.) **13**-947a.
— stalk (anat.): *see* Allantoic stalk.
— typhus (disease): *see* Typhoid fever.
— venosity **2**-1013c.
Abdu: *see* Abydos (Egy.).
Abducent (nerve) **16**-233d; fig. 9 **4**-14.
ABDUCTION (law) **1**-29d.
Abductor (muscles) **15**-988d.
Abd-ul-Aziz IV. (Mor. k.) **15**-817b.
ABDUL AZIZ (Turk. sultan) **1**-30a; **22**-610b; **15**-969b; deposed **7**-865b.
—**'AZIZ IBN 'ABDUL-RAHman Ibn Faisal Ibn Sa'ud:** *see* Ibn Sa'ud.
Abdul Aziz Ibn Rashid (emir of Nejd) **16**-202a.
—**'AZIZ IBN SA'UD:** *see* Ibn Sa'ud.
'Abdul Aziz, Jebel, mts., Syr. [**24**-59 J4].
'Abdu'l-Bahā: *see* 'Abbas Effendi.
Abdul Ghafur (Akhund of Swat) **21**-633b.
ABDUL-HAMID I. (of Turk.) **1**-30a; **22**-605d.
—**-HAMID II.** **1**-30a; **22**-610d; **2**-380c; caliphate **4**-611a; deposed **20**-502c; Eastern question **7**-865b; Enver Pasha **8**-629d; Midhat **15**-456d; Panislamism **17**-185c.
Abd-ul-Haqq Hāmid (Turk. poet) **22**-620b.
ABDULINO, U.S.S.R. **1**-31a.
Abdul Kerim (Turk. leader) **19**-768a.
Abdulla II. (Uzbeg chief) **17**-590a.
'Abdullāh (Wahhābi leader) **2**-180d; **8**-90d fol.
Abdullah al Mamun (Caliph Bagdad) figure **10**-127d.
— Ansari (Afg. St.) tomb **11**-473a.
— Ibn Rashīd (Gov. of Hāil) **2**-181a.
— of Shīrāz (Pers. hist.) **17**-609c.
Abdullah el Ta'aisha (the Khalifa): *see* Khalifa, The.
Abdulla Khan (ruler) **3**-8d.
'Abdul-Malik (caliph): *see* Abdalmalik.
ABDUL MEJID (Turk. sultan) **1**-31a; **22**-609a; accession **7**-863b; Bosnia **3**-927d; exile **4**-611b; Medjidie order **15**-211a.
Abd-ul-Qāsim Mohammed (founder of Abbadides) **1**-10d.
'Abdul Rahman (Arab ruler, d. 1928) **12**-34d.
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ABDUR RAHMAN KHAN (Afg. amir) **1**-31b; **1**-287a; **1**-290b; **22**-621d: Afghan war **12**-197b; Kabul **13**-235b; Kafiristan **13**-238c, Roberts **19**-351a.
— Rahman (Afg. poet) **1**-286b.
'Abdus Samad (Indian paint.) **15**-539b.
Abe, Ill. [**24**-129 D5].
ABECEDARIANS (Anabaptists) **1**-31c.
Abecedarian verses **1**-137a.
A Beckett, Arthur W. **1**-31d.
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— (Abell), **THOMAS** (Eng. priest) **1**-32d.
ABEL, Maacah, Asia M. **1**-32a.
ABELARD, PETER **1**-32d; conceptualism **6**-197b; Gilbert **10**-345d; Innocent II. **12**-369b; Latin lit. **13**-755b; Paris univ. **22**-863d; philos. **17**-750a; Roscellinus **19**-552a; scepticism **20**-57c; scholasticism **20**-81d; scholastic revival **7**-976a; theol. **5**-681d.
Abele: *see* White poplar.
Abele Spelen (Du. dram.) **7**-772a.
Abelessa, Sah. [**24**-78 E4].
Abeleus (pseud.): *see* Abelin, Johann.
Abelian group (math.) **10**-912c; **10**-914b; **10**-174a.
Abelia trialata Pl. II. fig. 3 **17**-PALAEOBOTANY.
ABELIN, JOHANN P. (hist.) **1**-33d.
ABELL, SIR WESTCOTT S. (nav. engin.) **1**-33d.
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Abels, G. W. P. (engr.) **10**-407c.
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— Lemma (math.) **20**-363c.
— theorem (math.) **20**-364b fol.
ABEL TEST **1**-34a.
Abenakis, Que. [**24**-89 C2].
Abenberg, Ger. [**24**-39 F4].
ABENCERRAGES (Moorish fam.) **1**-34a.
ABENDANA (theols.) **1**-34a.
"Abendempfindung" (song, Mozart) **20**-988a.
Abendmusiken **9**-201a.
Abendun, Berks., Eng.: *see* Abingdon.
ABENEZRA (Ibn Ezra) (Jew. poet) **1**-34b.
Abenner (Indian k.) **3**-115b.
Aben Pace (Arab. philos.): *see* Avempace.
ABENSBERG, Ger. [**24**-39 G5]; **1**-34b.
Abensperg und Traun, Otto Ferdinand, count von: *see* Traun.
Abenteuerliche Simplicissimus, Der (Grimmelshausen) **10**-223b; **10**-896c.
ABEOKUTA, Brit. W. Af. [**24**-80 E4]; **1**-34c.
Aber, Wales [**24**-16 B1].
Aberarder, Ont. [**24**-90 A3].
Aberargie, Scot. [**24**-12 A1].
ABERAVON, Wales: *see* Port Talbot.
Aberayron, Wales [**24**-16 B2]
Aber-Barri, Glamorganshire, Wales: *see* Barry.
ABERBROTHOCK, Forfarshire, Scot.: *see* Arbroath.
ABERCARN, Monm., Eng. **1**-34d.
Aberchirder, Scot. [**24**-18 F4].
Aberconwy, Carnarvonshire, Wales: *see* Conway.
Abercorn, Claud Hamilton, 4th earl of **11**-121a.
—, James Hamilton, 2nd duke of **1**-35a.
—, James Hamilton, 3d duke of **1**-35a; **12**-622d.
ABERCORN, JAMES HAMilton, 1st earl of **1**-34d.
—, James Hamilton, 2nd earl of **11**-121a.
—, Lord Mountcastle, 8th earl **11**-121a.
Abercorn, N. Rhod. [**24**-83 F4]; World War **7**-857d.
Abercrombie, James (Brit. gen.) **22**-102c; **23**-902a.
ABERCROMBIE, LAScelles (poet) **1**-35a; **18**-112c; **8**-601a.
Abercrombie, N. Dak. [**24**-136 G3].
—, ft., N. Dak. **16**-531b.
ABERCROMBY, DAVID (physic.) **1**-35a.
—, James, 1st baron Dunfermline: *see* Dunfermline.
—, **PATRICK** (writ.) **1**-35b.
—, Ralph, 2nd baron Dunfermline: *see* Dunfermline.
—, **SIR RALPH** (sol.) **1**-35b; Aboukir **1**-58c; Alexandria **1**-579c; Egypt **8**-88d; **9**-822d.
Abercromby, Fifeshire, Scot.: *see* St. Monans.
ABERDARE, HENRY A. Bruce, 1st baron **1**-35c.
ABERDARE, Wales [**24**-17 C3; **24**-11 C5]; **1**-35d.
—, mts., Kenya Colony: *see* Sattima.
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— Ishaq Ibrahim ibn Faraj (writ.) **19**-919b.
— Ishaq Ismā'il ibn-Qāsim al-'Anazī (poet) : *see* Abu-l-'Atahiya.
Abuja, Nig. [**24**-80 F4].
Abu Ja'far: *see* Al-Mansur.
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— hasan (of Tyre) **19**-919b.
— Hasan (paint.) **15**-539b.
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— majd Majdūd b. Adam (poet) : *see* Sanā'ī.
— Mansūr Ismā'īl: *see* Zāfir lia'dā allāh (caliph).
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— anglicum: *see* Wolf's-bane.
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Acrae, anc., Sic. **17**-114d; **21**-710a.
Acraeinae **15**-517b.
Acragas anc., Sic. **10**-799d fol.; plan fig. 7 **10**-799; **20**-606b fol.; **1**-426c; **17**-688b.
—, riv., Sic. **1**-426c.
Acraman, lake, Austr. [**24**-170 B3].
Acrania (zool.) **1**-844b; comp. anat. **20**-735b; **20**-761c; mouth **15**-940a; myotomes **15**-989d; reproduction **19**-179c; veins **23**-31b.
ACRANIATA (zool.) **1**-133c.
Acrasiaeae (biol.) **18**-633d.
ACRE, Pal. [**24**-60 C2]; **1**-133c; battle (1832) **8**-92a; besieged (1831) **7**-862d; Fr. wars (1799) **9**-822c; mod. hist. **17**-132a; siege (1189) **1**-134c; **6**-785b fol.; **19**-286a; **19**-866d; siege (1290) **6**-792a; **8**-842d; map **17**-118; il. **1**-133.
Acre, dist. Braz. [**24**-162 C5; **24**-160 C3†]; **4**-51b; **4**-51c fol.; **3**-819d.
ACRE (Aquiry) riv., Braz. [**24**-160 C4; **24**-162 D6]; **1**-134d.
ACRE (meas.) **1**-134d; **15**-138c.
— Akka (Acho), Pal. [**24**-60 C2].
Acredula (bird) **22**-257d.
— caudata: *see* Long-tailed titmouse.
Acremoniella **20**-933d.
Acres, Kan. [**24**-142 C4].
Acridiidae (insect fam.) **16**-944b fol.; **14**-291a; *see also* Grasshoppers.
ACRIDINE **1**-136a; **5**-385b.
— class (dyes) **7**-801c.
Acridotheres tristis (bird): *see* Maina.
ACRIFLAVINE (antiseptic) **1**-136b; **2**-79c; **7**-801d; **17**-690c.
Acrinyl isothiocyanate **16**-32d.
Acris (zool.) **1**-838a.
Acrisius (Gr. myth.) **7**-13a; **17**-546b.
ACRO (ACRON), HELENIUS (gram.) **1**-136b.
Acrobates pygmaeus **17**-688a.
Acrocephalus arundinaceus: *see* Reed-warbler.
— schoenobaenus (bird): *see* Sedge-warbler.
— scirpaceus: *see* Reed-warbler.
Acrochordinae **20**-851d.
Acrocomia sclerocarpa: *see* American palm.
Acro-Corinthus (citadel, Gr.) **6**-431c fol.
Acrodont **21**-874d fol.
Acrodus **13**-194b.
Acro Felice (arch, It.) **6**-858c.
Acrogynae **4**-304c fol.
Acrolein (chem.) **16**-748c; **1**-548b; **18**-187c; **19**-213a.
ACROLITHS **1**-136c.
ACROMEGALY (disease) **1**-136c; **11**-746d.
Acromial angle: *see* Metacromial process.
— nerve fig. 6 **16**-236; fig. 7 **16**-236.
Acromio-clavicular articulation (anat.) **13**-129d.
Acromion (anat.) **20**-737b.
Acromio-thoracic artery (anat.) **2**-452b.
Acromyodi **17**-355a.
ACRON (Gr. physic.) **1**-136c.
Acron, Helenius: *see* Acro, Helenius.
Acron (citadel Gr.) **5**-726b.
Acrophony **11**-546a.
ACROPOLIS (citadel) **1**-136c.
— (Athens) **2**-603c, **2**-604c; **2**-606b; map **2**-605a; reconstruction Pl. XII. **2**-ARCHITECTURE; citadel **5**-726b; classical period **2**-607c; excavation of **10**-793; **10**-797c; museum **2**-610a; Parthenon **17**-342d.
— (Cyrene) **6**-938b.
ACROPOLITA (AKROPOLITES), GEORGE (Byzantine states) **1**-136d; **10**-843a.
Acropora (coral) Pl. fig. 2 **2**-ANTHOZOA.
Across-the-line motor (elec.) **8**-312d.
Acrosome (physiol.) **8**-388c.
Acrospire **14**-733d.
ACROSTIC **1**-136d; **1**-137c; *see also* Palindrome.
Acrostichites **17**-85b.
Acroteleutia (mus.) **12**-14d.
ACROTERIUM (AKROTERION) (arch.) **1**-137c.
Acrothoracica (zool.) **6**-804d; **5**-724d.
Acrotretidae (zool.) **3**-1001c.
Acrotus **9**-326a.
Acrylic acid (chem.) **1**-125a.
Acryllium vulturinum **10**-972c.
A.C.S. (abbrev.) **1**-23b.
ACT (law) **1**-137c.
—, in titles of Acts: *see under* principal word.
— (drama) **7**-579c.
Acta (document) **20**-133c.
— (Rom. law.) **17**-99a.
— (St. Thecla) **22**-46b.
— Archelai **14**-804a.
— Augustana (Luther) **14**-493d.
ACTA DIURNA (Rom. gazette) **1**-137c; **16**-334b.
Actaea (bot.) **18**-979c.
— spicata: *see* Baneberry.
ACTAEON **1**-137d; **5**-726d.
Acta Eruditorum (Ger. period.) **15**-76c; **17**-512d; **17**-515d.
—, *Mathematica* (Swed. period.) **15**-78b; **15**-623a.
Acta Populi: *see* Acta Diurna.
Acta Publica: *see* Acta Diurna.
ACTA SANCTORUM **1**-137d; **3**-595b; **3**-821c.
ACTA SENATUS (COMMENtarii Senatus) **1**-137d.
Acta Thomae (bibl.): see *Thomas, Acts of.*
Acte, cape, Gr. map **2**-606.
Acte individuel **7**-668b.
Acteon (zool.) **10**-63b. fol.
Acte réglementaire **7**-668b.
Actes and Monuments (Foxe) **9**-573b.
Actia (Gr. games) **1**-140b.
Actiaca Aera **1**-140b.
Actia Nicopolis, anc. Gr.: *see* Nicopolis, Actia.
ACTING (drama) **1**-138a; Pl. VII. **22**-THEATRE; Chinese; Pl. X. figs. 1-6 **22**-THEATRE; make-up **14**-699c; motion pictures **15**-860b; **15**-863d; *see also* Actor; Theatre.
Actinians (biol.) **19**-65b.
Actiniaria: *see* Actinozoa; Sea Anemone.
Actinic green glass **3**-954a.
ACTINIC RAYS **1**-139c; **9**-259d; **20**-754b; **20**-755a; *see also* Ultra-violet ray.
Actinidia faveolata Pl. II. **17**-PALAEOBOTANY.
Actinistia (zool.) **9**-328a.
ACTINIUM (element) **1**-139d; **5**-361b; **17**-519d; **18**-889d fol; **18**-894a.
— Series (chem.) **18**-890b; **18**-894a.
— emanation (chem.): *see* Actinon.
Actinograph **17**-812a.
Actinolite formula **1**-840c; **2**-496c; **12**-864d; fusibility **15**-525c.
ACTINOMETER **1**-139d.
Actinometric meter **17**-828c.
Actinomyces **18**-328a; **20**-930c; **20**-933c: *see also* Lumpy jaw.
ACTINOMYCOSIS **1**-139d.
Actinomyxidia **18**-634c.
Actinon (element) **18**-890b.
Actinonema rosae (fungus) **19**-555b.
Actinophrys (biol.) **18**-626d fol.; **18**-633b; fig. 11 **18**-623.
Actinosphaerium **18**-633b.
Actinostrobus (bot.) **11**-29a.
ACTINOTHERAPY **18**-898b; *see also* Light and Radiation in Relation to Health.
Actinotrocha **17**-778c.
ACTINOZOA (zool.) **1**-140a.
Actio in pontifices romanos et eorum asseclas (Paleario) **17**-115a.
ACTION (law) **1**-7d; **18**-399d; **18**-405a; **18**-738a fol: *see also* Practice and Procedure.
— (psych.) **18**-686d; **18**-697c.
Action, Council of (1920) **7**-416a.
Action Française (period.) **7**-70d; **2**-941c; **15**-110a.
Action on the case **4**-961a.
Action syndicale, L' (Barthou) **3**-153a.
Actio personalis moritur cum persona (law) **11**-707a.
Actis and Deidis of the Illustere and Vailzeand Campioun Schir William Wallace, Knicht of Ellerslie, The (Harry the Minstrel) **11**-223d.
ACTIUM, promontory, Gr. **1**-140b.
— (battle, 31 B.C.) **1**-140b; **1**-428d; **2**-83d; **2**-687b; **19**-498a; **20**-507b.
Activated sludge (engin.) **20**-403a; channel fig. 3 **20**-403; sanitation **2**-909a.
Active defence (mil.) **21**-740a.
— immunisation (med.) **11**-998b.
— intellect (philos.) **13**-40b.
— militia (Can.) **4**-696a.
— principles (philos.) **18**-56b.
— service (mil.) **2**-407a.
— stabilizer (instru.) **11**-48b.
ACTIVISM (psych.) **1**-140b.
Activists (pol.) Belg. **3**-363a; Swed. **21**-651d.
Activity (chem.) **8**-319c fol; **20**-961b; **5**-343d.
— coefficient **20**-961b; graph fig. 2 **8**-318.
Act of 1846 (Eng.): *see* Lord Campbell's Act.
Act of God **6**-153d.
ACT OF PARLIAMENT (Eng. gov.) **1**-140c: *see also* Parliament; Statute.
ACT OF STATE (Eng. law) **1**-140d; **1**-998c.
Acton, Charles J. E. **1**-141d.
—, John **16**-82c.
ACTON, JOHN E. E. D. ACton, 1st baron **1**-140d; **6**-986b.
—, **SIR JOHN F. E.**, bart. **1**-141c.
—, Sir Richard E., 7th baronet **6**-986b; **1**-140d fol.
—, R. M. Dalberg, 2nd baron (Eng.) **1**-141b.
Acton, Calif. [**24**-155 D5].
—, Ind. [**24**-127 C3].
—, Mass. [**24**-99 C1].
—, Me. [**24**-96 B5].
ACTON, Middlesex, Eng. **1**-141d.
—, Minn. [**24**-135 D6].
—, Mont. [**24**-144 D3].
—, N.C. [**24**-112 C2].
—, Ont., Can. [**24**-90 B3].
—, S.C. [**24**-113 D3].
—, Wash. [**24**-150 F4].
Acton Burnell statute (Eng. law) **20**-588b.
ACT ON PETITION **1**-141d; **18**-398d.
Acton Scott, Salop **20**-587c.
Acton Scott Beds **16**-873.
Acton Turville, Eng. [**24**-17 D3].
Actonvale, Can. [**24**-89 B3].
Acton Wells, Eng. **1**-141d.
Actor, Gr. **7**-584a; fig. 8 **6**-511; Roman **7**-586b; Russ. fig. 10 **6**-509; theatre law **22**-42d; 3d century B.C. fig. 9 **6**-511; Tragic fig. 9 **6**-509; Victorian **7**-606c; *see also* Acting; Theatre.
— (Scot. law) **2**-447c.
Actors' Equity Association (U.S.) **22**-44b.
Acts of Andrew (bibl.): *see* Andrew, Acts of.
Acts of John (bibl.): *see* John, Acts of.
Acts of Paul (bibl.): *see* Paul, Acts of.
Acts of Persian Martyrs **21**-722a.
Acts of Peter (bibl.): *see* Peter, Acts of.
Acts of Pilate (bibl.): *see* Nicodemus, Gospel of.
ACTS OF THE APOSTLES (bibl.) **1**-142a; **1**-144c; **3**-515c; **13**-20b; **2**-107d; **3**-520d; **3**-527c.

Acts of the Apostles (play) **14**-699d.
"Acts of the Apostles" (tapestry) **21**-800a.
Acts of Thecla **2**-500a.
Acts of the Holy See **6**-874c.
Acts of the Martyrs (Gr.) **10**-842a.
Acts of Thomas: see Thomas, Acts of.
Act-tune (mus.) **8**-628d.
ACTUALITY THEORY (philos.) **1**-145b.
Actuaria (Lat. writ.) **17**-99b.
Actuaries, Faculty of (Brit.) **2**-3b fol.
Actuaries' Table: *see* Seventeen Offices Table.
ACTUARY **1**-145c.
Aculeata (insect) **12**-11b: *see also* Stinging hymenoptera.
ACUMINATE **1**-145d.
Acumincum, ft., Yugos. **17**-683a.
ACUNA, CHRISTOVAL DE (expl.) **1**-145d.
—, Hernando de **21**-157a.
Acunlia, Father: *see* Wu Li.
Acunum, Fr.: *see* Montélimar.
ACUPRESSURE **1**-146a.
ACUPUNCTURE **1**-146a.
Acushnet, Mass. [**24**-99 D2].
Acusilaus **14**-334b.
Acustico-lateralis component (anat.): *see* Lateral line component.
Acutae passiones (Soranus): see *Celeres passiones.*
Acute angle **1**-929a; fig. 1 **1**-928.
— anterior poliomyelitis: *see* Infantile paralysis.
— apex (bot.) **13**-826b.
— Coryza: *see* Cold.
— gastritis **10**-56b.
— haemorrhagic pancreatitis **17**-180b.
— hydrocephalus: *see* Tuberculous meningitis.
— infective enteritis **5**-616c.
— metritis **11**-87c.
— osteomyelitis **3**-846c.
— rheumatism **19**-248c fol.
— spreading myelitis **17**-263c.
— ulcer (med.) **10**-55c fol.
Acworth, Ga. [**24**-114 B2].
—, N.H. [**24**-97 B3].
Acyclic compounds: *see* Aliphatic compounds.
— flower **9**-410c.
— generator: *see* Homo-polar generator.
Acyl (emir) **23**-265a.
A.D. (abbrev.) **1**-23b.
Ad. (abbrev.) **1**-23b.
'Ad **14**-487d.
Ada, Br. E. Af. [**24**-83 G3].
—, co., Ida. [**24**-145 B6].
—, Go. Cst. [**24**-80 E4].
—, Kan. [**24**-142 E2].
—, Minn. [**24**-134 B4].
ADA, O. [**24**-124 B3]; **1**-146a.
ADA, Okla. [**24**-143 G4]; **1**-146a.
—, Oreg. [**24**-151 A4].
—, S.C. [**24**-113 C2].
—, S.Dak. [**24**-137B1].
—, lake, South I., N.Z. Pl. I. fig. 2 **16**-NEW ZEALAND.
ADAB, Mesop. **15**-288; **1**-146b; *see also* Bismya.
ADABAZAR, Turk. [**24**-58 D2]; **1**-146b.
ADAD (Assyr. god) **1**-146b; **2**-568b fol.; **2**-847d.
Adad-apal-iddin **5**-656b.
Adad-idri (Damascus) **13**-45d.
Adad-nirari I. (Assyr.) **5**-656a; **7**-963d.
— II. (Assyr.) **5**-655d.
— III. (Assyr.) **5**-195a; **5**-655d; Damascus **7**-1d.
Adad-nirari: *see also* Hadad-nirari.
Adad-shum-iddin **5**-656a.
Adad-shum-nasir **5**-656a.
Adae (Af. ceremony) **1**-888a.
Adaeus and Maris, SS., liturgy of: *see* Persian rite.
ADAEV, U.S.S.R. **1**-146d.
Adafer, dist., Fr. W. Af. [**24**-80 C1].
adag. (abbrev.) **1**-23b.
Adagalla, rock, India **13**-524b.
Adagia (Virgil) **23**-183c.
Adagietto (mus.) **1**-146d.
ADAGIO **1**-146d.
Ada group (mss.) **12**-96c.
Adagum, riv., U.S.S.R. **13**-509b.
Adah (bibl.) **13**-617a.
Adai Khokh, mt., U.S.S.R. [**24**-49 F6]; **5**-55c; **16**-953d.
Adair, James (expl.) **21**-935b.
ADAIR, JOHN **1**-146d.
—, co., Ia. [**24**-138 C3].
—, Ia. [**24**-138 C3].
—, co., Ky. [**24**-116 E3].
—, Ill. [**24**-128 B3].
—, co., Mo. [**24**-140 E1].
—, co., Okla. [**24**-143 J3].
—, Okla. [**24**-143 H2].
—, bay, Mex. [**24**-158 B1].
—, cape, Can. **2**-295 (D3).
Adairsville, Ga. [**24**-114 B2].
Adairville, Ky. [**24**-116 D4].
Adaja, riv., Sp. [**24**-32 D2]; **7**-558a.
Adak, China [**24**-68 E3].
—, isl., Alsk. [**24**-156 D11].
Adake, N. C. [**24**-112 D2].
Ada Khokh, mt., Transcaucasia, U.S.S.R. [**24**-59 K1].
Adal, Ras (Aby.) **8**-104c.
Adal, Nor. [**24**-43 D6].
ADALBERON (ASCELIN) Fr. bp.) **1**-146d.
ADALBERT, St. (c. 700) **1**-147a; **4**-288a.
— (of Babenberg) **2**-837c.
ADALBERT (bp. of Bremen) **1**-147a; **10**-259a; **20**-33d.
— (archbp. of Mainz) **7**-879b.
ADALBERT (bp. of Bohem.) **1**-147c; **18**-162a.
— (bp. of Neustria) **3**-849a.
— shaft (mine) **10**-664b.
Adalgiselus (Frankish noble): *see* Anchis.
Adalhard (archbp. of Bremen) **21**-642b.
ADALIA, Turk. [**24**-58 D4]; **1**-147c.
Adalrik och Göthilda (Mörk) **21**-656d.
Adalulf (of Flanders) **9**-356d.
ADAM (bibl.) **1**-147d; tempted ill. **1**-148; in ophitism **16**-807b: *see also* Eve.
—, Testament of (Syriac) **2**-106b.
ADAM (Fr. fam.) **1**-148d.
—, **ADOLPHE C.** **1**-148d.
ADAM, ALEXANDER **1**-148d.
— (Anglicus): *see* Adam (Scotus).
ADAM (SCOTUS) **1**-159b.
—, Daniel **6**-964a.
— (of St. Victor) **13**-755c.
—, François G. B. (Fr. sculp.) **1**-148d.
—, **SIR FREDERICK** **1**-148d.
—, James (Brit. arch.) **1**-149c; style **19**-143a; work **15**-634a fol.
—, John **1**-150b.
—, **JULIETTE** **1**-148d.
—, Lambert Sig. **1**-148d.
— le Bossu: *see* Adam de le Hale.
ADAM, MELCHOIR **1**-149a.
ADAM, PAUL **1**-149a.
—, N. K. **1**-184b.
—, Nicolas S. **1**-148d.
—, P. **5**-727d.
— Onkel (pseud.) **21**-658b.
ADAM, ROBERT **1**-149b; **12**-480b fol.; **15**-634a fol.; **5**-508a; **12**-677b; candlestick Pl. fig. 4 **20**-SHEFFIELD PLATE; mantelpiece and ceiling ill. **1**-150; frieze ill. **9**-854d; **20**-614c.
—, **WILLIAM** (law.) **1**-150b.
—, mts., Austr. [**24**-169 A3].
—, isl., Pac. O.: *see* Ua Pou.
Adam (mystery play) **1**-946b; **7**-587d; **9**-781c.
"Adam" (Rodin) Pl. VII. fig. 4 **20**-SCULPTURE TECHNIQUE.
"Adam" (cello) **21**-446d.
Adama **1**-150c.
Adamakha: *see* Mariupol.
Adamana, Ariz. [**24**-149 F4].
"Adam and Eve" (Barnard) **3**-120b; (Domenichino) **7**-513d; (Dürer) **7**-757a; (Heemskerk) **11**-378c.
"Adam and Eve driven out of Paradise" (Masaccio) Pl. I. fig. 6 **17**-PAINTING.
Adam and Eve, Book of (Ethiopic) **2**-106b.
—, *Life of* (Lat.) **2**-106b.
ADAMANT (min.) **1**-150c.
Adamanta, Gr. **15**-229b.
Adamantine crystals **23**-857a; **23**-859b.
Adamantine boron **23**-694b.
Adamas (min.) **7**-316a.
ADAMAWA, W.Af. **1**-150c; *see also* Yola.
Adam Bede (G. Eliot) **8**-359a.
Adam Blair (Lockhart) **14**-275d.
ADAM (ADAN) DE LE Hale **1**-150d; **9**-780b; **6**-346d.
Adamellite **10**-637a.
Adamello, It. [**24**-34 C1].
—, mt., [**24**-186 F3].
Adam Homo (Pa'ludan-Müller) **17**-164d.
Adamians: *see* Adamites.
Adamite (min.): *see* Corundum.
ADAMITES (ADAMIANS) (sect) **1**-151a.
ADAMNAN (ADOMNAN) St. **1**-151a; Easter controversy **12**-601c; **13**-754d; pilgrimages **17**-927a.
Adamnan's Law: see *Cáin Adamnáin.*
ADAM OF BREMEN **1**-151b.
Adam og Eva (E'wald) **8**-934d.
ADAMS, ABIGAIL SMITH **1**-151c.
—, Alvin **8**-998b.
ADAMS, ANDREW L. **1**-151d.
—, Brooks **1**-153c.
—, Brydges **16**-738c.
—, **CHARLES C.** (zool.) **1**-151d.
—, **CHARLES FRANCIS** **1**-152a; fol.
—, Charles Francis (Jr.) **1**-153b.
—, **CHARLES FOLLEN** **1**-152a.
—, **CHARLES K.** **1**-152c.
ADAMS, CLEMENT **1**-152c.
—, **EPHRAIM D.** **1**-152d.
—, E. P. **8**-191b.
—, Franklin (astron.) **17**-836a.
—, Franklin P. (columnist) **1**-793d.
—, **FREDERICK U.** **1**-152d.
ADAMS, GEORGE B. **1**-152d.
ADAMS, HANNAH **1**-153a.
ADAMS, HENRY (hist.) **1**-153a; **1**-790b fol.
—, **HENRY C.** (econ.) **1**-153c.
—, **HERBERT** (sculp.) **1**-153d; "Primavera" ill. **1**-153.
ADAMS, HERBERT B. (hist.) **1**-153d.
—, Isaac **18**-501b.
ADAMS, JOHN (pres.) **1**-154a; birthplace ill. **1**-154; portrait Pl. VII. fig. 2 **22**-UNITED STATES; "Writs of Assistance" **3**-936d; Declaration of Independence **7**-125b; slavery **20**-782d; France **22**-794b; Treaty of Paris (1783) **22**-788d.
—, John (Eng. art.) **18**-360b.
—, J. A. (engr.) **18**-505a.
ADAMS, JOHN C. **1**-155b; gravitation **15**-781a fol.; Neptune **16**-227b; star distances **17**-837b.
ADAMS, JOHN QUINCY (pres.) **1**-156a; **12**-852a; Monroe doctrine **15**-736a; portrait Pl. VII. fig. 6 **22**-UNITED STATES.
ADAMS, MAUDE **1**-157b.
ADAMS, OSCAR F. **1**-157b.
ADAMS, ROGER **1**-157c.
ADAMS, SAMUEL (states.) **1**-157c; **3**-936d fol.; Declaration of Independence **7**-126b; Stamp Act **22**-781c; urges war **15**-31d.
—, **SAMUEL H.** **1**-158a.
ADAMS, SARAH F. **1**-158b.
—, **THOMAS** (cler.) **1**-158b.
—, Truda **18**-360b.
ADAMS, WALTER S. **1**-158b; **14**-962a; **20**-719c fol.
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ADWAN **1**-207d; **22**-410d.
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AEDESIUS **1**-208c.
Aed Findliath (Finnlaith) (Ir. k.) **12**-601d; **16**-790b.
AEDICULA (bldg.) **1**-208c.
Aedificatoria, De Re (Alberti) **1**-527a.
AEDILES **1**-208c.
— curules **19**-478d.
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AEDUI (HAEDUI, HEDUI) **1**-208d; **20**-337c; **2**-344b.
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Aeetes **2**-334a; **15**-170c.
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AEGEUS **1**-216d; **15**-170c.
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AELFRIC (the Grammarian) **1**-220b; **8**-569d; **18**-592d.
Aelfthryth **1**-275a; **7**-954b.
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AELIAN (Claudius Aelianus) (Rom. rhet.) **1**-221a.
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Aengus (Ir. chief) **9**-507c.
Aenham, Council of (1009) **8**-385c.
Aenigmatite formula **1**-840d.
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Aeola (mus.) **6**-198c.
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Aeolians **1**-222d; in Greece **10**-781c; in Lesbos **13**-962b; in the Troad **22**-502b; poetry **10**-834c.
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AEOLINA (mus.) **1**-222d.
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AEOLODION (Aeolodicon) (mus.) **1**-222d; **11**-203a.
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Aeration **23**-406d.
Aere, Fr. W. Af. [**24**-80 B2].
AERIAL (radio) **1**-225d; **4**-214d; **23**-664b; fig. 2 **18**-902; **18**-901c; simple circuit fig. **3** **23**-664.
— acoustic signal **9**-438d.
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AERIAL LAW **1**-225d.
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— photography **2**-808b; **17**-806c; in World War **1**-446b; Hythe Gun Camera Pl. III. fig. 1 **17**-PHOTOGRAPHY; **2**-259c; **21**-395c fol.; **21**-615d.
— propulsion motor-boats **15**-879d.
— root (bot.) **19**-544a.
— ropeway **23**-675b.
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— steamer 1874 Pl. II. fig. 3 **1**-AERONAUTICS.
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Aero, Wash. [**24**-150 A2].
—, isl., Den. [**24**-46 C4].; **7**-203b.
Aero bearing plate **1**-228b.
Aerobic organism **9**-176c.
— respiration **18**-26d.
Aeroclinoscope **4**-474c.
AERODROME (AIR PORT), **1**-231d; illumination il. **1**-233; landing equipment Pls. III., IV. figs. 1-9 **1**-AERIAL NAVIGATION; Langley's **13**-693d; rolling stock il. **1**-232; in U.S. **1**-234a.
AERODYNAMICS **1**-235b; **1**-244c; **1**-252c; lift and drag of air currents fig. 3 **1**-244; lifting power **1**-250d; wind tunnel fig. 8 **1**-247.
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AEROFOIL **1**-242a.
— theory **1**-249a.
Aerolites (meteoric stones) **15**-341d.
Aero Lloyd (Ger. co.) **2**-805d.
Aeron, riv., Wales [**24**-16 B2]; **4**-852c.
AERONAUTICAL ARTICLES **1**-242a.
— Research Committee (Brit.) **19**-205d.
— Society of Gt. Brit. **8**-443c.
AERONAUTICS **1**-242b; aircraft carrier il. **1**-449; Pl. I. **1**-AIRCRAFT CARRIER; aeroplanes, early types Pl. 1. figs. 1-3 **1**-AEROPLANES; airships Pl. II. figs. 1-5 **1**-AIRSHIPS; altitude problems **1**-471c; balloon **2**-1006c; Brit. in World War **1**-469d; engines Pls. I., II. **1**-AERO ENGINES; Farman **9**-784; Fokker plane **9**-441c; gliding **10**-428a; landing equipment Pl. III. figs. 1-9 **1**-AERIAL NAVIGATION; Langley **13**-693d; law **1**-225d; lifting power **1**-250d; mooring masts **1**-473a; navigation instrs. Pls. I., II. fig. 2 **1**-AERIAL NAVIGATION; oxygen **14**-188d; parachute **17**-252a; research laboratory Pl. II. figs. 1, 2 **19**-RESEARCH, INDUSTRIAL; routes **1**-462c; map **1**-463; speed **1**-467b; warfare **1**-443a; **1**-447b; **1**-455a; U.S. **1**-453c; weather factors **1**-472c: *see also* Aviation, Civil.
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Aerösksjobing, Den. [**24**-46 C4].
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AERSCHOT, PHILIPPE DE Croy, duke of **1**-259b.
Aerschot, Belg. [**24**-29 C4]; siege Antwerp, 1914 **2**-88d.
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AERTSZEN (Aartsen), **PIETER** (paint.) **1**-259c; "The Butcher Shop," painting Pl. III. fig. 3 **21**-STILL LIFE; **21**-408d.
Aes (alloy) **20**-229a.
Aesc (Sax. chieftain) **11**-425a; **13**-327d.
Aescesdun (battle) **1**-274d.
Aesch, Basle canton, Switz. [**24**-30 D2].
—, Luzerne canton, Switz. [**24**-31 E2].
AESCHINES (5th cent. B.C.) **1**-259c; Socrates **20**-917c.
AESCHINES (4th cent. B.C.) **1**-259c; **5**-773b, **7**-194c; **10**-837b.
Aeschna **7**-571a.
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— (astron.): *see* Ophiuchas.
Aescules glabra: *see* Buckeye chestnut.
— hippocastanum: *see* Horse-chestnut.
Aesculetin **6**-589b.
Aesculin **5**-385d.
Aescwine (Wessex) **23**-520c.
Aes cyprium: *see* Copper.
Aesepus, riv., Asia M. **22**-502a.
AESERNIA, anc. It. **1**-263a; road and coins **4**-674c.
Aes grave **2**-495c; **16**-621b.
Aeshma **2**-546b.
Aesis, It.: *see* Jesi.
—, riv., It.: *see* Esino.
Aeson (myth.) **2**-333d.
AESOP (Gr. writ.) **1**-263b; **2**-118b; **5**-474b; **9**-21a; Babrius' versification **2**-840b; and Buddhist Jātaka **12**-971b; Phaedrus **17**-686d.
AESOPUS (Gr. hist.) **1**-263d.
AESOPUS, CLODIUS **1**-263d.
Aes rude **2**-495c.
AESTHESIOMETER: *see* Experimental Psychology.
Aesthetic, Lectures on (Hegel) **1**-271b.
AESTHETICS **1**-263d; **2**-440d; **9**-243b; **17**-761c; **18**-812c; absolutism in **1**-65c; Bosanquet **3**-924d; colour-music **6**-65b; Hegel **11**-383d; Herbart **11**-477b; history **1**-269d; Hutcheson **11**-946a; Indian dancing **7**-20a; Indian theory of beauty **12**-210c; intellectualism in **12**-457b; judgment **1**-269b; Kant **13**-272d; decoration **12**-488d; paint. **17**-50d; **18**-268c.
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Aestii (tribe) **10**-254d.
AESTIVATION **1**-273c; animals **11**-540c; **7**-440b; flowers **9**-411a; fig. 30 **9**-409; and hibernation **11**-539b.
Aet. (abbrev.) **1**-23b.
AETA (tribe) **1**-273d; **2**-520c; **18**-789a.
Aetat. (abbrev.) **1**-23b.
"Aeterne rerum conditor" (St. Ambrose) **1**-743b.
Aeterni Patris (Papal bull) **13**-929a; **23**-10b.
Aethalstan **11**-15d.
Aetham, E. (Brit.) **3**-342d.
Aethechinus (zool.) **12**-404a.
— frontalis **12**-404a.
Aethelard: *see* Adelard
AETHELBALD (Mercia) **1**-273d; **8**-726b; **15**-266a; **23**-520c.
AETHELBALD (Wessex) **1**-274a; **1**-276a; **23**-520d.
Aethelberg **7**-858a.
Aethelbert (Aethelberht) (E. Anglia) **7**-858a; **16**-711a.
AETHELBERT (Kent) **1**-274a; **13**-327d; **13**-328a; Augustine **2**-685d; **8**-466d; **4**-765c; laws **1**-948a; **8**-569d; **19**-931a.
AETHELBERT (W. Saxons) **1**-274a, **23**-520d.
Aethelburg (W. Sax.) **12**-316a.
AETHELFLAED (**ETHELFLEDA**) (Mercia q.) **1**-274b; **1**-947a; **8**-7a; **15**-266b; **20**-587d; mound at Bridgnorth **4**-143c; rebuilt Chester **5**-437b; Danes **8**-483c.
— (w. of Edgar) **7**-954b.
— (w. of Edmund I.) **7**-962d.
AETHELFRITH (Northumbria) **1**-274c; **7**-858a; **3**-457a; **5**-437b; **8**-21c; **16**-538c.
Aethelgar (archbp.) **4**-766d.
Aethelhard (archbp.) **4**-766d.
Aethelheard (Wessex) **23**-520c; **11**-954a.
Aethelhere (E. Anglia) **7**-858a; **15**-265d.
AETHELING (title) **1**-274c.
—, Edmund **7**-954b; **20**-587d.
Aethelm (archbp.) **4**-766d.
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Aethelmund (Wes.) **11**-954a.
AETHELNOTH (archbp.) **1**-274c; **4**-766d.
Aethelred (archbp.) **4**-766d.
— (earl of Mercia) **1**-274b.
AETHELRED (k. of Mercia) **1**-274d; **7**-25d; **8**-25d; **15**-265d fol.; coins **4**-168d.
— (Northumbria) **16**-540b.
AETHELRED I. (Wessex) **1**-274d; **23**-520d.
AETHELRED II. (Ethelred) (The Unready) **1**-275a; **7**-954b; **7**-962d; **8**-484d, **21**-661a; coronation form **6**-458b; Danegeld **7**-25c.
Aethelric (Wessex) **11**-954a.
Aethelstan (E. Anglia): *see* Guthrum.
— (of Kent) **1**-276a; **13**-328a.
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Aethelwald (E. Anglia) **7**-858b.
— (Sussex) **21**-623a.
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Aethelwine (E. Anglia) **7**-858b.
Aethelwold (bp. of Winchester) **8**-381c; **12**-96d.
— (earl of E. Anglia) **7**-858b; **8**-7a.
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AETHICUS (Ethicus) **ISTER** (philos.) **1**-276b.
Aethiopes (people) **8**-778d.
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Aethiopica (Heliodorus) **11**-398a; Irish version **12**-643b.
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Aethiops mineralis **15**-270c.
Aëthlius (myth.) **8**-437a.
Aethosciurus **19**-372b.
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Aetioporphyrin **5**-610c.
AETIUS (Atheist) **1**-276c.
AETIUS (Rom. gen.) **1**-276c; **19**-433a; Attila **2**-661c; battle of Châlons **5**-198c; Bonifacius **3**-850c; **19**-508a; Valentinian III **22**-950b; (c. 792) **12**-626a.
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—, Tenn. [**24**-117 D2].
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AETOLIA, dist., Gr. **1**-277a; **10**-757c; **1**-90c; *see also* Acarnania.
Aetolian League **1**-277c; **3**-776c; **9**-134c; **10**-774a.
Aetolians **1**-842a; **8**-361a; **7**-305a.
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—, Ia. [**24**-138 D2].
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—, Kan. [**24**-142 C3].
—, Me. [**24**-96 E3].
—, N.C. [**24**-112 C2].
—, N.Y. [**24**-102 B3].
—, N.Dak. [**24**-126 A2].
—, Tex. [**24**-123 E3].
—, W.Va. [**24**-111 C3].
—, ft., Gr. **19**-978d.
—, isl., Antarc. [**24**-5 B17].
—, isl., W. Aus., [**24**-168 D2].
—, mt., S. Aus. [**24**-170 B1].
—, mts., C. As. **22**-206b.
—, mts., Kirghiz rep. **13**-411d.
—, Aemilianus: *see* Aemilianus Alexander.
—, Albert V. **14**-557a.
— Antioch (cler.) **12**-369a.
— Athens (art.) **10**-814b.
—, Bernhard **11**-896d.
—, Boyd **5**-185d.
Alexander, Book of (Nizāmī) **16**-475c.
ALEXANDER, DE ALVA Stanwood **1**-574c.
—, Edward P. **10**-319b.
—, **SIR GEORGE** **1**-574c; **7**-609c.
—, G. R. **9**-440c.
—, James **16**-373d.
—, **SIR JAMES E.** **1**-574c.
—, James W. **13**-448a.
—, **JEROME** **1**-574d.
—, John M. **15**-170b.
—, **JOHN W.** (art.) **1**-574d; **11**-218b; **17**-59a; **17**-64Bd.
Alexander, Letter of **8**-570a.
Alexander, Life of (Ps.-Callisthenes) **21**-720c fol.
Alexander, Samuel **22**-49c; **17**-758c ; **6**-493a ; **5**-29b.
Alexander, W. (gen.) **1**-798c.
—, **WILLIAM** (archbp.) **1**-575a.
—, William, earl of Stirling: *see* Stirling.
—, **WILLIAM L.** (cler.) **1**-575a.
Alexander ab Alexandro: *see* Alessandri, Alessandro.
ALEXANDER AETOLUS (Gr. poet) **1**-575a.
ALEXANDER ARCHIPELAgo, Pac. O. **1**-576c.
ALEXANDER BALAS (K. of Syr.) **1**-575b ; **18**-733b ; **7**-180c; **20**-306a; **2**-70c; **13**-53b.
"Alexander, battle of" (mosaic) **18**-202d.
Alexander Bay, Nfd. [**24**-93 C2].
Alexander Catheodory Pasha **3**-447b.
Alexander City, Ala. [**24**-118 D3].
ALEXANDER CORNELIUS (gram.) **1**-575b.
— **JOHN** (prince of Rum.): *see* Cuza, Alexander John.
ALEXANDER NEVSKI (Vladimir) **1**-575b ; **19**-714a.
Alexander Novelle Pl. I. fig. 3 **20**-SEALS.
ALEXANDER OF APHRODisias **1**-575c ; **1**-588c.
— **OF HALES** (Eng. theol.) **1**-575c; **2**-115b.
— **OF TRALLES** (Alexander Trallianus) **1**-575d.
ALEXANDER THE PAPHlagonian (Gr. impostor) **1**-576b ; **12**-316b.
ALEXANDERS (bot.) **1**-576c; **22**-678d.
"Alexander sarcophagus" **17**-127c; **11**-119b.
ALEXANDERSBAD, Ger. **1**-576c.
ALEXANDER SEVERUS (Marcus Aurelius, emp.) **1**-575d; **2**-307d; **11**-398c.
ALEXANDERSON, ERNST F. W. **1**-576d.
Alexander's Wall (U.S.S.R.) : *see* Caucasian Wall.
Alexander the Corrector: *see* Cruden, Alexander.
Alexander the First, isl., Antarc. **2**-15a.
Alexander the Great: *see* Alexander III.
Alexander III. (bridge, Paris) **4**-137d.
Alexander Tiberius **13**-55a.
— Zabinas (Syria) **20**-306b.
ALEXANDRA (Brit. q.) **1**-576d ; **8**-13d.
Alexandra (Jannaeus) **13**-53c.
Alexandra (of Swed.) : *see* Christina.
Alexandra, Viet., Austr. [**24**-171 G6].
—, It. Somlnd. [**24**-83 H2].
—, Neb. [**24**-139 G4].
—, N.Z. [**24**-173 B6].
—, mt., Fr. Af. [**24**-82 B3].
—, park, Scot. **10**-396b.
Alexandra (Lycophron) **14**-513b.
"Alexandra" (ship) **8**-101a.
Alexandra Day **1**-577a.
— dock (Belfast) **3**-338d.
— dock (Bombay) **3**-831a.
— dock (Hull) **7**-472d, fig. 21 **7**-478.
— dock (Newport) **16**-326a.
Alexandra Feodorovna (of Russia) **19**-724a ; **16**-420a.
Alexandra Land, dist., Arct. [**24**-4 10].
Alexandra Nile, riv., Af.: *see* Kagera.
— Palace, Lond. **14**-358c.
Alexandrapol, Arm. : *see* Leninakan.
— South Dock Pl. II. fig. 2 **7**-DOCKS
Alexandre, A. **5**-435a.
ALEXANDRE, NOEL (Natalis Alexander) **1**-577b.
Alexandreid **6**-963c.
Alexandre le Grand (Racine) **18**-869c.
Alexandrescu, G. **19**-656a.
ALEXANDRETTA (Iskanderuneh), Syr. [**24**-58 G4] ; **1**-577b.
— gulf, Syr. [**24**-180 B5] ; **1**-577b ; **23**-63c.
Alexandri, Vasile: *see* Alecsandri.
Alexandria, Ala. [**24**-118 D2].
—, B.C., Can. [**24**-92 E4].
—, Cape Col. [**24**-81 D4].
ALEXANDRIA, Egy. [**24**-79 B1 ; **24**-3 N3] ; **1**-577c ; map **8**-41 ; "Alexandrian School" **1**-581a ; ancient city **1**-578c ; bazaar street il. **1**-577 ; breakwater **4**-70d fol. ; Callimachus' School **4**-618a ; catacomb **5**-16b ; plan fig. 8 **5**-17 ; climate **8**-35b ; coinage **16**-620b ; court customs **14**-570c ; dockyards **8**-91d ; harbour **11**-169d ; Pl. II. fig. 2 **11**-HARBOURS ; library **1**-579b ; **4**-618b ; **5**-776c fol. ; lighthouse **14**-86d ; museum **15**-1001c ; pottery **18**-343b ; private bank **3**-67d ; Rom. Emp. map **19**-501 (J5) : Roman trade **6**-108a ; Seleucid commerce **14**-569d.
—: *History* **8**-76d fol. ; 'Amr-ibn-El-Ass **1**-850d ; attacked, 1798 **9**-822c ; Augustus **2**-687c ; bombardment (1882) **8**-101a ; Caracalla (215) **4**-825b ; Deinocrates **7**-143d ; founded **1**-568c ; Hellenism **11**-404c fol. ; massacre (1882) **8**-93a ; Mohammedan occupation **8**-78c fol. ; Patriarchate **16**-940c ; riots (1920) **8**-97d ; sack (1365) **6**-702d ; school of chemistry **5**-355c ; synod (362) **14**-462b.
—, Ind. [**24**-126 C2].
—, Ky. [**24**-116 F2].
ALEXANDRIA, La. [**24**-121 B2] ; **1**-580b.
—, Minn. [**24**-135 C6].
—, Mo. [**24**-141 F1].
—, N.H. [**24**-97 C3].
—, O. [**24**-125 C3].
—, Ont., Can. [**24**-90 E2].
—, Pa. [**24**-106 C3].
—, Pers. **17**-612a.
—, Rum. [**24**-53 C4].
ALEXANDRIA, Scot. **1**-580b.
—, S.Dak. [**24**-137 G3].
—, Syria, map **19**-501 (K4).
—, Tenn. [**24**-117 E1].
ALEXANDRIA, Va. [**24**-110 G2] ; **1**-580c ; **4**-375b ; map **1**-756.
— (battle, 1801) **1**-579c.
— (battle, 1882) **9**-292d.
Alexandria (zool.) **10**-66a.
Alexandria Arachosiorum, Pers. **2**-208b.
— Arion, Pers. **17**-574b.
— Bay, N.Y. [**24**-103 B1].
— Junction, Va. [**24**-108].
Alexandrian canon **2**-349d.
— era **1**-335a; **5**-770d fol.
Alexandrians, Epistle of Paul to the **2**-108d.
ALEXANDRIAN SCHOOL **1**-581a; **15**-199b; **22**-65d.
— senna **20**-329b.
— texts of Gospels **3**-518d.
ALEXANDRIA TROAS (Gr.) **1**-582d ; **22**-502c.

Alexandrie, Histoire de l'école d' (Simon) **20**-697b.
Alexandrina, aqueduct, It. **2**-161b.
ALEXANDRINA, lake, S.Aus., [**24**-170 D5]; **1**-582d; **21**-487b.
Alexandrine theology **8**-703d.
ALEXANDRINE VERSE (lit.) **1**-583a; **5**-234d; **11**-514c fol.; **7**-595a.
Alexandrinum, opus **3**-175c.
Alexandrinus: *see* Aemilianus Alexander.
Alexandrinus codex **3**-515c; **14**-4a; Pl. II. fig. 4 **3**-BIBLE.
ALEXANDRISTS **1**-583c.
ALEXANDRITE, variety of chrysoberyl, **1**-583c.
Alexandropol, U.S.S.R.: same as Leninakan.
Alexandropol, Gr.: *see* Dede Agach.
Alexandropol, Treaty of **22**-614d.
Alexandros (Euripides) **8**-826b.
Alexandropuolis, Gr.: *see* Dédéagatch.
ALEXANDROV, TODOR **1**-583d; **4**-366d fol.; **18**-615c.
Alexandrov, U.S.S.R. [**24**-48 E3].
—, Ukraine, U.S.S.R. [**24**-49 E5].
Alexandrov Gaĭ, U.S.S.R. [**24**-49 G4].
Alexandrovna, Maria **13**-911d.
Alexandrovsk, Kazak, U.S.S.R. [**24**-49 H6].
ALEXANDROVSK (Sib.) U.S.S.R. [**24**-57 N3]; **1**-584a.
ALEXANDROVSK, Ukraine U.S.S.R. [**24**-49 E5]; **1**-584a; *see also* Zaporozhe.
—, Ural Area, U.S.S.R. [**24**-48 J3].
Alexandrovskaya Sloboda, Russ. **19**-715a.
Alexandrya, U.S.S.R. [**24**-49 D5].
Alexauken, N. J. [**24**-105 B2].
Alexeev, Constantine S.: *see* Stanislavsky.
Alexeieff, Michael V. **13**-903c.
Alexeiev (adm.) **19**-761c.
Alexeiev-Bezobrazov (Russ.) **7**-159a.
Alexeyerna, Catherine: *see* Catherine I. (of Russ.)
ALEXEYEV, MIKHAIL **1**-584a; **7**-201b.
Alexeyevsky Ravelin, fortress, Leningrad **13**-915a.
Alexia **2**-96a fol.
Alexiad (Comnena) **1**-979b.
Alexikakos **2**-110d.
Alexin, U.S.S.R. [**24**-49 E4].
Alexine: *see* Complement.
Alexinus **15**-214b.
Alexipharmaca (Nicander of Colophon) **5**-771b.
Alexis (tsarevitch) **19**-724a.
— (s. of Peter I.) **19**-717b.
— (Edessa) **7**-953a.
ALEXIS (poet) **1**-584a.
ALEXIS, WILLIBALD **1**-584b; **10**-227c.
Alexis, Ill. [**24**-128 B2].
—, N. C. [**24**-112 D2].
—, O. [**24**-124 D2].
—, isl., Arctic Sea **16**-421d.
ALEXISBAD, Ger. **1**-584c.
Alexisbrunnen, spring, Ger. **1**-584c.
ALEXIUS I. (emp.) **1**-584c; **6**-775a fol.; **6**-773b.
ALEXIUS II. (Comnenus) (emp.) **1**-585a; **1**-916a.
ALEXIUS III. (Angelus) (emp.) **1**-585a; **6**-786c fol.; **3**-787b.
ALEXIUS IV. (emp.) **1**-585c; **19**-436d.
ALEXIUS V. (emp.) **1**-585c; **19**-436d; **12**-697a.
Alexius Comnenus I. (of Trebizond) **22**-444b; (Rom. emp.) **19**-435c fol.; **14**-830d.
Alexius Comnenus III. (of Trebizond) **22**-444d.
ALEXIUS MIKHAILOVICH **1**-585d; **12**-832a.
ALEXIUS PETROVICH **1**-586b.
Alexius (the protosebastos) **1**-585a.
Alexius (tsarevich) **22**-275c.
Aleyn, Simon **4**-47d.
Aleyrodes citri: *see* White orange fly.
— Howardi **16**-837d.
Alf (myth.) **16**-408a.
ALFA (HALFA) (grass) **1**-586d: *see also* Esparto.
Alfalfa, Colo. [**24**-147 F4].
—, Kan. [**24**-142 B3].
—, La. [**24**-121 B2].
Alfalfa, co., Okla. [**24**-143 E2].
—, Okla. [**24**-143 E3].
—, Wash. [**24**-150 E4].
ALFALFA (plant) **1**-586d; **10**-650c fol.; **20**-932b; distribution, U.S. map **1**-410; **11**-284a; honey **3**-212b; poultry food **14**-459d; *see also* Lucerne.
ALFALFA WEEVIL (insect) **1**-586d; **8**-622b; **23**-478c.
Alfama, Port **14**-197a.
ALFANO, FRANCO **1**-587b.
Alfaro, Eloy **7**-944c.
Alfaro, Sp. [**24**-33 F1]; **14**-336d.
Alfasi, Isaac **11**-358c.
Alfedena, It. **2**-677b.
ALFELD, Ger. [**24**-38 E2]; **1**-587b.
Alfen, Holl. [**24**-29 C3].
Alfenas, Braz. [**24**-164 A5].
Alferis (title) **6**-71a.
Alfī (the Great) **8**-89a.
ALFIERI, VITTORIO, **1**-587b; **7**-591c fol.; **1**-516b; **12**-745c.
Alffa (Nor.) **4**-774d.
Alfold Crossways, Eng. [**24**-15 C4].
Alfonsi, Petrus **21**-154d.
Alfonsine tables **2**-584a.
Alfonsinho, Braz. [**24**-164B5].
Alfonso: *see* Alphonso.
— XII., order of **13**-440b.
Alfonso XII., Cu. [**24**-157 B2].
Alfonsus Liguori, St. **15**-689a.
ALFORD, HENRY **1**-588a.
Alford, Fla. [**24**-115 C1].
—, Lincs., Eng. [**24**-14 D2, **24**-10 G3]; **10**-746c.
—, Mass. [**24**-98 A1].
—, Pa. [**24**-107 F2].
—, Scot. [**24**-19 F4]; **1**-40b.
Alfordsville, Ind. [**24**-127 B4].
Alfortville, Fr. **5**-246a.
Alfoz de Lara, dist., Sp. **21**-127b.
Alfrecha, Vt. [**24**-97 A3].
ALFRED (AELFRED) THE Great **1**-588b; **1**-947a; **1**-949b; **2**-601a; **7**-25d; **11**-954b; Danish wars **8**-483a; **8**-556d; lit. **8**-569d; **18**-592c; navy **10**-683d; **20**-507d.
—, Me. [**24**-96 B5].
—, N.Dak. [**24**-136 F3].
—, N.M. [**24**-102 C3].
ALFRED, N.Y. **1**-590d.
Alfred, co., Austr. [**24**-170 E5].
—, Queens., Austr. [**24**-171 L1].
—, Tex. [**24**-123 E6].
—, mt., B.C., Can. [**24**-92 D4].
Alfred basin, Cape Col., S.Af. **4**-791a.
ALFRED ERNEST ALBERT (duke of Saxe-Coburg and Gotha, and duke of Edinburgh) **1**-590b; **23**-126b.
Alfred Ernest, cape, Grant Land map **2**-295 (C1).
Alfred Holt Group (nav.) **20**-560a.
— jewel **2**-601a; **13**-33a.
— **OF BEVERLEY** **1**-590d.
Alfred Station, N.Y. [**24**-102 C3]
Al fresco orchestration **12**-431d.
ALFRETON, Derby, Eng. [**24**-14 B2; **24**-10 E3]; **1**-591a.
Alfriston, Eng. [**24**-15 D5].
Alfsborg, dist., Swed [**24**-44 E2].
Alftafjördr, fjord, Ice. map **12**-43c.
ALFUR (tribe) **1**-591a; **4**-449b; **11**-294b.
Alg. (abbrev.) **1**-23a.
ALGAE **1**-591a; Bacillariales **2**-877c; classification **18**-1b; Cohn's work **5**-978d; colours **6**-72c; gametes **10**-11a; habitat **17**-272b; lichens **14**-29a; **14**-29c; nucleus **16**-586c; palaeobot. **17**-71c; Pringsheims experiments **18**-499a; protophyta **18**-615c; symbiosis **14**-892a; **7**-436d; zoospores **17**-1002b; fig. 1 **17**-1002.
ALGARDI, ALESSANDRO **1**-602d.
Algaroba: *see* St. John's bread.
ALGAROTH, POWDER OF (chem.) **1**-603a.
ALGAROTTI, FRANCESCO, count **1**-603a.
Algarrobo (tree) **2**-317c; **5**-487c; **22**-905a.
ALGARVE (ALGARVES), prov., Port. [**24**-32 B4]; **1**-603b; **18**-277a.
ALGAU, dist., Bav. **1**-603b.
Algäu Alps, mts., Ger.-Aus. [**24**-50 B3; **24**-186 F2]; **1**-603c.
ALGAZEL: *see* Ghazali.
ALGEBRA **1**-603c; arithmetics **16**-606b; classification **15**-88d; curves **1**-869a; **6**-885c; **15**-75a; definition **15**-85b; **21**-948d; determinants **7**-275b; development **15**-84d fol.; differences and sums **4**-559a; Diophantus **7**-399a; equations **8**-665b fol.; expression **1**-604c; and geometry **1**-868d; **10**-176a; groups **10**-911d; notation **4**-559a; scale **1**-604b; tensors **21**-942b; Thales **22**-14a; Vieta **23**-145c.
Algebra, Essay on (Descartes) **7**-245b.
Algebra (Omar Khayyam) **6**-258b.
ALGEBRAIC FORMS **1**-607c; **1**-610c; **11**-217a; apolarity **1**-612a; ternary forms **1**-609b.
ALGEBRAIC NUMBERS: *see* Number.
Algebra of logic **14**-330d.
Algebuckina, S. Aus., Austr [**24**-170 B1].
ALGECIRAS (ALGEZIRAS), Sp. [**24**-32 D4; **24**-78 C1]; **1**-613c; view Pl. II. fig. 5 **21**-SPAIN.
—, bay, Sp. [**24**-32 D4]; Pl. IV. fig. 1 **11**-HARBOURS.
ALGECIRAS CONFERENCE **1**-613d; **4**-377d; **12**-528a; **15**-817d; **1**-330a; German policy **10**-302b; Roosevelt **19**-539d; Tangier **21**-785b; war guilt **23**-348c; **23**-351d.
Algedonics **6**-196b.
Algemesí, Sp. **22**-943d.
ALGER, HORATIO **1**-613d; **5**-476a.
ALGER, RUSSELL A. **1**-613d.
ALGER, dept., Alg. [**24**-78 E1]; **1**-614a; **1**-615c.
— to Marseille (s.s. route) [**24**-23 F5].
—, co., Mich. [**24**-130 E3; **24**-131 G5]; **15**-963c.
—, Wash. [**24**-150 C2].
ALGERIA, country, Af. [**24**-78 E2; **24**-76 D2; **24**-184 D2; **24**-178 E9]; **1**-614a; antimony **2**-69c; geog. societies **10**-139a; govt. **1**-619c; **9**-585d fol.; irrigated area map **12**-692d; phosphate **15**-529d; pop. **1**-303d; **13**-236a; railways **13**-920c; Rom. cities **1**-318a; street in Timgad Pl. II fig. 4 **1**-AFRICA; Tebessa wall Pl. II. fig. 5 **1**-AFRICA; coral fisheries **6**-421c; peanuts **17**-419a; olive oil **16**-775d; salt **19**-900b.
—: *History:* French conquest **1**-28a; Rom. conquest **1**-617b; Sp. conquest **1**-617d; Tlemsen **22**-260a; Tuat oases **22**-529b; Turk. and Fr. rule **1**-618a.
Algerian fir **9**-260d.
Algerita, Tex. [**24**-123 E4].
Algernon (name) **3**-258c.
ALGEZIRAS: *see* Algeciras.
ALGHERO, W. Sard. [**24**-35 B4]; **1**-620b; **19**-993c.
Algide cholera: *see* Asiatic cholera.
ALGIDUS MONS, ridge, It. **1**-620b; **1**-515a; **13**-757a.
ALGIERS, Alg. [**24**-78 E1; **24**-3 M3; **24**-1]; **1**-620b; French town Pl. IV. figs. 4 and 5 **1**-ALGERIA; harbor Pl. III. fig. 1 **1**-ALGERIA; Observatories **16**-673a; pop. **1**-615c; rainfall **1**-615a; street scene il. **1**-614; submarine base **15**-210b; carpet mfr. **4**-918c; tobacco **22**-262d; wood-carving **23**-715d; S. S. routes: [Barcelona **24**-8 F6; Gibraltar **24**-8 F6; Malta **24**-8 F6; Marseille **24** F6; Naples **24**-8 F6]; Charles V.'s expedition **7**-538c; Fr. conquest **19**-817b; **14**-678b; Charles III.
Algiers, Ind. [**24**-127 A4].
—, La. **16**-325a.
Algoa, Ark. [**24**-120 D2].
—, N. Rhod. [**24**-83 F5].
—, Tex. [**24**-123 G5].
ALGOA BAY, Cape Col., S.Af. [**24**-81 D4; **24**-185 F9]; **1**-621a; **18**-250b.
Algodonales, mts., Sp. [**24**-32 D4].
Algodones, N. Mex. [**24**-148 C3].
Algodonite (min.) **6**-403c.
ALGOL (star) **1**-621b, Pl. I. **21**-STAR; **21**-322d; **7**-909b.
Algoma, Can. [**24**-90 A1].
—, Miss. [**24**-119 C1].
—, Oreg. [**24**-151 D5].
—, Wis. [**24**-133 F5].
—, riv., Wis.: *see* Oshkosh.
Algoman granite **4**-700a.
Algoman series **18**-426c fol.
Algona, Ia. [**24**-138 C1].
Algonac, Wis. [**24**-132 D4].
Algonkian series (geol.) **18**-427b; **17**-1066b.
ALGONKIN (Algonquin) (N. Am. Ind.) **1**-622a; Pl. I. fig. 5 **16**-NORTH AMERICA; **4**-702c; **13**-557c; **20**-11a; **3**-681b; **7**-156c; **15**-426d; **16**-26a; Abnaki **1**-49d; in Canada **4**-702c fol.; hist. **16**-516b; and Iroquois **12**-683d fol.; land ownership **18**-585d, lang. **5**-138c fol.; New York **16**-372a; pipe-smoking **17**-947a; rel. **14**-813d.
Algonquin, Ill. [**24**-128 D1].
— Natl Park, Ont., Can. [**24**-90 C2]; **16**-796c.
ALGORISM (math.) **1**-622b.
Alguada, riv., India [**24**-66 C3].
ALGUAZIL (Sp. title) **1**-622b.
ALGUM (ALMUG) TREE **1**-622c.
Alhā (myth.) **11**-572a.
Alhagi (maurorum) **14**-816a.
— manna **14**-816a.
Al-Hajjāj b. Yūsuf b. Matar **8**-803a.
Al-Hakam II.: *see* Hakam II.
Alhā-khand (Jagnīk of Mahōbā) **11**-572a.
Al-hakim bi'amrillahi (Caliph) **7**-681d.
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—, co., Mich. [24-130 H4].
—, pass, Ark. [24-120 B1].
ALPENHORN (ALPHORN) 1-677b.

Alpen-Sinfonie (R. Strauss) **16**-15c.
Alpera, Sp. **2**-241d.
Alpercatas, mts., Braz. [**24**-164 B2].
—, riv., Braz. [**24**-164 B2].
Alpers, Okla. [**24**-143 F4].
Alpesa, Port.: *see* Elvas.
Alpes Cottiae, prov., It.: *see* Liguria.
ALPES-MARITIMES, dept., Fr. [**24**-27 K4]; **1**-677b; statis. **9**-585a; wine **23**-654b; Rom. Emp. map **19**-500 (D3).
Alpgemeinden **1**-675d.
Alpha, Austr. [**24**-169 C3].
—, Ida. [**24**-145 C5].
—, Ill. [**24**-128 B2].
—, Mich. [**24**-130 C3].
—, Minn. [**24**-135 D8].
—, Nev. [**24**-153 D2].
—, N.J. [**24**-105 A2].
—, N.Dak. [**24**-136 A3].
—, O. [**24**-125 A4].
—, Oreg. [**24**-151 B3].
Alpha (phot.) **17**-802d.
ALPHA AND OMEGA (Gr.) **1**-677c; alpha **1**-1b; **10**-822d; omega **16**-659a.
ALPHABET **1**-677c; analysis **23**-814a; blind readers il. **3**-721; capital letters fig. 2 **23**-814; deaf and dumb il. **7**-101; development fig. 1 **23**-813; Egyptian **5**-740b; Etruscan **8**-789b; **8**-784b; Georgian il. **10**-203; Greek **10**-822d; Hebrew **11**-354c; inscriptions **12**-393d; phonetic **17**-774b fol.; **18**-578d; universal **14**-836a; cipher **5**-955c; *see also* individual letters.
Alphabet de l'invention des Lettres en diverse écritures (book, Hamon) Pl. III. fig. 6 **4**-CALLIGRAPHY.
Alphabetical machine **16**-714b.
— verses in O.T. **1**-137a.
Alpha brass (met.) **4**-40d.
— -hydroxyisobutyric acid **4**-472d.
Alpha iron **15**-321a; **12**-646a; **12**-670a; **14**-659.
Alphanol Colour (dye) **7**-790d.
ALPHA PARTICLES **1**-685b; aluminium **16**-593b; counting 16-587b; range **16**-592b; scattering fig. 1 **16**-587; transmutation **22**-411c; Pl. I. **23**-WILSON CLOUD CHAMBER.
Alpha-ray (phys.) **8**-196b; use **18**-908b fol.; **18**-879b fol.; **8**-218d; radioactivity **18**-887d; Wilson **23**-639c.
Alpharetta, Ga. [**24**-114 B2].
Alphart (legendary) **7**-360a; **7**-359d; **11**-392b.
'AL-PHASI, ISAAC **1**-685b.
Alpha solid solution **4**-42c.
ALPHEGE (AELFHEAH) ST. **1**-685b.
Alpheiaia, Artemis: *see* Artemis.
Alpheius, riv., Gr. [**24**-54 B4].
Alphen, F. van **10**-405a.
— H. van **7**-774b.
Alphen, Holl. [**24**-28 C2].
Alphesiboea: *see* Arsinoe.
Alpheton, Suff., Eng [**24**-15 D3].
Alpheus (Gr. myth.) **1**-685c; **2**-313a.
ALPHEUS, riv., Gr. **1**-685c; **10**-756c.
Alphington, Eng. [**24**-17 C4].
ALPHONSE I. (Toulouse) **1**-685c; **13**-703d; **23**-159b.
ALPHONSE (Toulouse and Poitiers) **1**-685d.
Alphonsine charter **1**-685d.
ALPHONSINE TABLES **1**-685d.
ALPHONSO **1**-686a.
— (Battler): *see* Alphonso I. (Aragon).
— (card. Lisbon) **18**-279c.
— (Catholic): *see* Alphonso I. (Sp.).
— (Chaste): *see* Alphonso II. (Sp.)
— (El Sabio): *see* Alphonso X. (Sp.)
— (Fat) *see* Alphonso II. (of Port.)
— (Great): *see* Alphonso III. (Sp.)
— (Learned): *see* Alphonso X. (Sp.)
— (Magnanimous): *see* Alphonso V. (Aragon).
Alphonso (the Wise) **22**-865d.
ALPHONSO I. (Aragon) **1**-686a; **21**-128d.
— II. **1**-686b; **18**-639b fol.
Alphonso III. **1**-686b; **21**-130d; **5**-279d.
— IV. **1**-686b; **21**-130d.
— V. **1**-686b, **4**-611d; **21**-131b.
— II. (Asturias): St. James' body **21**-127b.
— VI. (Castile) **1**-11a; **10**-926c.
— VIII. **1**-686b fol.; **21**-129a.
— IX. **12**-369d.
— X. **1**-685d; **18**-277a; Sp. lit. **21**-154d; **21**-130b.
— XI. **1**-613c; **13**-161b; **21**-130c.
— I. (Este) **8**-732c; L. Borgia **3**-900d.
— II. **9**-181c; **8**-732d.
— III. **8**-732d.
— IV. **8**-732d.
—I. (Ferrara) **9**-181c.
— II. (Ferrara) **12**-798b.
— I. (Galicia) **21**-127a.
— V. (Leon) **21**-128b.
— VI. **21**-128c.
— VII. **21**-128d fol.
— IX. **1**-688a; **9**-169a; **4**-513b; **18**-639c.
— II. (Naples) **1**-559c; **20**-623a.
— I. (Port.) **1**-686c; **18**-276c.
— II. (Port.) **1**-686d; **18**-276d.
— III. **1**-686d; **18**-277a; **18**-291b.
— IV. **1**-686d; **18**-277a fol.
— V. **1**-686d; **18**-278a.
— VI. biog. **1**-687a; **18**-280a.
ALPHONSO I. to **VII., X., XI.** (Sp.) **1**-687a fol.
ALPHONSO XII. (Sp.) **1**-688c; **21**-137c.
ALPHONSO XIII. (Sp.) **1**-688d; **21**-138c fol.; **21**-144d.
Alphonso de Cartagena: *see* Alphonsus a Sancta Maria.
Alphonso the Great: *see* Albuquerque, Alphonso d'
Alphonso, isls., Ind. O. **20**-421d.
ALPHONSUS A SANCTA Maria (hist.) **1**-689c.
ALPHORN (instru.): *see* Alpenhorn.
Alpi Apuane, mts., It. **2**-94d.
Alpi della Luna: *see* Luna.
Alpin (Scot. King) **13**-325b.
Alpine, Ala. [**24**-118 C2].
—, Ariz. [**24**-149 F5].
—, Ark. [**24**-120 B3].
—, Ida. [**24**-145 G6].
—, Ill. [**24**-128 E2].
—, Ind. [**24**-127 C3].
—, N.H. [**24**-97 C3].
—, N.J. [**24**-104 D1].
—, N.Y. [**24**-102 D3].
—, Tex. [**24**-122 C4].
—, Wyo. [**24**-146 A2].
—, co., Calif. [**24**-154 D3].
Alpine area **22**-463c.
— bearberry **3**-256c.
— climbing **15**-931b.
— chough **5**-625d.
— Club (Eng.) **5**-860b; **15**-930d.
— cotton-grass **6**-584a.
— glacier **10**-381c.
Alpine Guide **2**-992d.
Alpine-Himalayan group, mts., **1**-690c.
Alpine larch **13**-723a.
— marmot **14**-927c.
— Meadow, mts.: *see* Yailadagh.
— moss campion **18**-170c.
— shrew **20**-584b.
— race **5**-102b; **8**-843d; intelligence of **7**-368b.
— storm **21**-974a.
— strawberry **21**-466a.
— system **6**-677b.
— wild goat: *see* Ibex.
ALPINI, P. **1**-689d.
Alpinus, Prosper: *see* Alpini.
Alpinia **9**-970a.
Alpis Cottia, pass, Alps **19**-824b.
— Graia, Alps: *see* Little St. Bernard.
— Poenina, Alps: *see* Great St. Bernard.
Alpnach, Switz. [**24**-31 E3].
—, bay, Switz. **14**-459a.
Alpowa, Wash. [**24**-150 H4].
Alps, N.Mex. [**24**-148 F2].
ALPS, mts. Eur. [**24**-178 G6]; **1**-689d fol.; **8**-830b; **2**-740b; **4**-906c; climate **1**-696a; **5**-825c; formation il. **1**-691; Dolomites **7**-510d; expl. **15**-931b; **22**-463c; **8**-634b; passes **19**-824a; map **1**-693; pasturage **1**-675d; fauna **7**-442a; plants **1**-97b; *see also* Countries.
—, mts., Jap. **12**-894d.
—, mts., N.Z. **15**-931a.
ALPS, AUSTRALIAN, mts., Austr. [**24**-171 H6; **24**-192 D3]; **1**-700c.
Alptagin (slave) **17**-587a.
ALPUJARRAS, THE, dist., Sp. **1**-701a.
'ALQAMA IBN 'ABADA **1**-701a.
Al Qasr (Babylon) **2**-842b.
Al Qurna, Mesop. **15**-299d; map **23**-7S1.
Al-Qurti (au.) **22**-158c.
Alredus: *see* Alfred, of Beverley.
Alresford, Eng. [**24**-15 B4].
Alrewas, Staffs., Eng. [**24**-14 B3].
Alright, isl., Can. [**24**-88 H1].
Alrö, Den. [**24**-46 B3].
Als, fjord, Den. [**24**-46 B3].
—, isl., Den. [**24**-46 B3].
ALSACE, EARLY OPERATIONS in: *see* Frontiers, Battles of the.
—, prov., Fr. **1**-701c; **3**-665b fol.; **11**-70d; **7**-779c; **9**-810a.
Alsace, Lower, former dist., Ger.: *see* Bas-Rhin, dept., Fr.
—, Upper, former dist., Ger.: *see* Haut-Rhin, dept., Fr.
—, Pa. [**24**-106 B2].
—, Ballon d', mt., Fr. **23**-257d.
—, canal, Ger. and Fr. **12**-365b.
— Green (dye) **19**-215b.
ALSACE-LORRAINE, terr., Fr. **1**-701a; **9**-600a; **3**-186b; forest **9**-502a; Germany **3**-665b fol.; **10**-304b; **10**-293b; Hagenbach **11**-70d; peasant il. **1**-701; Turenne **7**-779c; Wormser **9**-810a; Versailles **23**-93d; *see also* Frontiers, Battles of the.
Alsager, Eng. [**24**-16 D1].
Al Sahba, wadi: *see* Sirra.
Alsatia. Fr.: *see* Alsace.
ALSATIA (Lond.) **1**-703c; *see also* Whitefriars, Lond. Eng.
Alsatian (dog) **7**-495d.
ALSBERG, C. L. **1**-703c.
Alschovnik (jungle) **13**-249b.
Alsdorf, Ger. [**24**-38 B3].
Alsea, Oreg. [**24**-151 B3].
—, riv., Oreg. [**24**-151 B3].
Alsek, riv., B.C., Can. [**24**-92 A2].
Alsen, N.Dak. [**24**-136 F1].
ALSEN, isl., Den. **1**-703c.
—, N.Y. [**24**-103 G3].
Alsenz, Ger. [**24**-38 C4].
Alsfeld, Ger. [**24**-38 E3].
Alsh, lake, Scot. [**24**-18 C4].
Alsheim. Ger. [**24**-38 D4].
ALSIETINUS LACUS, It. **1**-703d; aqueduct **2**-161a.
ALSIKE **1**-703d; **5**-854d fol.; **10**-648d fol.; **10**-651a fol.
Alsine media: *see* Chickweed.
Alsinoideae **4**-957b.
ALSIUM, It. **1**-703d; **22**-175c.
Alsleben, Ger. [**24**-39 G2].
Alsnö, ordinance **21**-642c.
Also hat Gott die Welt geliebt (Bach) **2**-871c.
ALSOP, VINCENT **1**-703d.
Alsophila **22**-447a.
Also sprach Zarathustra (Nietzsche) **10**-228c; **16**-433a fol.
Also sprach Zarathustra (Strauss) **21**-464c.
Alstead, N.H. [**24**-97 B3].
ALSTED, J. H. **1**-704a; **8**-425c.
Alsterweiler, Ger. [**24**-38 D4].
Alston, Charles **3**-947a.
—, John **3**-722a.
—, Joseph **21**-86d.
Alston, Ala. [**24**-118 D4].
ALSTON, Cumb. Eng. [**24**-13 B3]; **1**-704a.
—, Ga. [**24**-114 D4].
—, Mich. [**24**-130 C3].
—, S.C. [**24**-113 C2].
Alstonia scholaris **7**-443c.
ALSTONITE **1**-704a; **3**-158c.
Alstown, Wash. [**24**-150 F3].
ALSTROMER, J. **1**-704b; **21**-647b.
Alt, in place names: *see* specific names, *except as below.*
Alt, Ger. [**24**-38 C3].
— riv., Ger. [**24**-38 C3].
ALT, ALTISSIMO **1**-704b.
Alta, Ia. [**24**-138 B2].
—, Ill. [**24**-128 C3].
—, Mont. [**24**-144 A3].
—, N.Dak. [**24**-136 D2].
—, Utah [**24**-152 C2].
—, fjord. Nor. [**24**-42 L2].
Alta. (abbrev.) **1**-23a.
Altagracia, Venez. [**24**-162 C1].
Alta House **5**-808b.
Altai, China **5**-508c.
ALTAI, region, U.S.S.R. [**24**-68 D2]; **1**-704b; **3**-121b.
Altai, mts., U.S.S.R. [**24**-68 D2; **24**-181 H4]; **1**-704c; **5**-508d; **15**-708b; **19**-683d; **13**-302c.
Altai (dialect) **22**-617d.
Altaians **21**-853b; **16**-752c.
Altaic (lang. group). *see* Ural-Altaic Languages.
Altair, Kan. [**24**-142 B2].
ALTAIR **1**-705b; Pl. I. **21**-STAR; **14**-531d; **7**-175b.
Altai Tatar **20**-600b.
Alta Kirke, Nor. [**24**-42 L2].
Altamaha, Ga. [**24**-114 D5].
—, riv., Ga. [**24**-114 E5]; **10**-197d.
—, sd., Ga. [**24**-114 E5].
Altaman, S.Dak. [**24**-137 H2].
Altamash (Delhi) il. **7**-534.
Altamira, mts., Sp. [**24**-32 D3].
—, cave, Sp. **2**-240d; **21**-122c.
Altamirano, L. **5**-498a.
Altamont, Ill. [**24**-129 D4].
—, Ind. [**24**-126 B2].
—, Kan. [**24**-142 G4].
—, Md. [**24**-108 A1].
—, Mo. [**24**-140 C2].
—, N.Y. [**24**-103 F3].
—, Tenn. [**24**-117 F2].
Altamshaw, N.C. [**24**-112 F1].
ALTAMURA, It. [**24**-35 F4]; **1**-705b; **23**-409b.
—, hills, It. **12**-756b.
Altan Khan **15**-718c.
Altano, cape, Sard. [**24**-35 B5].
Altapass, N.C. [**24**-112 C2].
Altar, Mex. [**24**-158 B1].
—, mt., Ec. **7**-934d.
—, val., Ariz. [**24**-149 D7].
ALTAR (rel.) **1**-705b; consecration **7**-129d; fetishistism **10**-849a; Hinduism **12**-220c; lamps **13**-630c; pewter **17**-685a; Rom. **19**-398b; tree cult **22**-446c.
— (dry dock) **7**-483a.
Altar Book, The Pl. V. fig. 1 **3**-BOOKS; **3**-876d.
Altare, It. **10**-402b.
Altata, Mex. [**24**-158 C3].
Alta Tapajoz, Braz. [**24**-162 F6].
Altavas, P.I. [**24**-73 B3].
Alta Vela, W.I. [**24**-157 D3].
— Verapaz, Guat. **13**-314c.
— Vista, Ia. [**24**-138 E1].
— Vista. Kan. [**24**-142 F3].
Altavista, Tex. [**24**-123 E6].
ALTAZIMUTH **1**-708d.
Alt-Breisach (battle) **14**-973b.
Altcar, Eng. [**24**-13 A4].
Altcar club **6**-602a.
Altchee, Colo. [**24**-147 B2].
ALTDAMM, Ger. **1**-709a.
Altdorf, Bav., Ger. [**24**-39 G4].
—, Lower Bav., Ger. [**24**-39 H5].
—, University of (Ger.) **22**-869a.
ALTDORF, Switz. [**24**-31 F3]; **1**-709a.
ALTDÖRFER, A. **1**-709a; **8**-745c.
—, E. **1**-709b.
Alte (bridge, Ger.) **7**-646c.
Altea, Sp. [**24**-33 F3].
Alt Eibau, Ger. [**24**-39 K3].
ALTEN, SIR CHARLES (Karl) **1**-709b.
Alten, riv., Nor. [**24**-42 L2].
ALTENA, Ger. [**24**-38 C2]; **1**-709b.
Altenahr, Ger. [**24**-38 B3].
Altenau, Ger. [**24**-38 F2].
Altenbeken, Ger. [**24**-38 D2].
Altenberg, P. **2**-776a.
Altenberg, Belg. [**24**-29 E4].
ALTENBURG, Ger. [**24**-39 H3]; **1**-709b; **18**-350c.
Alteneck **8**-175a.
Altenely, riv., Nor. **16**-546a.
Altenglan, Ger. [**24**-38 C4].
Altenkirchen, Ger. [**24**-38 C3].
Altensteig. Ger. [**24**-38 D5].
ALTENSTEIN (castle) **1**-709c.
ALTERATIVE **1**-709c.
Alterburg, Mo. [**24**-141 H4].
Alter horses **1**-555b.
Alternaria **20**-934a.
Alternate hemiplegia **17**-263c.
Alternate inheritance: *see* Mendelian inheritance.
Alternate-leaved dogwood **7**-503d.
Alternate leaves (bot.) fig. 18 **13**-826.
ALTERNATING CURRENT **1**-709c; **7**-140c; amplitude fig. 21 **8**-208; generating **8**-153d; locomotives **14**-283c fol.; motors **15**-872b; **15**-876b; **15**-878a; potentiometer **12**-446b fol.; transformer **22**-407d; **22**-409a; supply **8**-284b; transmission **8**-167d; voltage vector, fig. 1 **8**-167; Westinghouse **23**-538c.
Alternating group (math.) **10**-912c, **20**-363c.
— lights **14**-98c.
— stress **15**-63c; **9**-113d.
— symmetry **6**-816a.
ALTERNATION **1**-709d.
— of generations (zool.): *see* Generations, alternation of.
Alternative pension **23**-364a.
— proposition: *see* Disjunctive proposition.
— vote **18**-390c; **8**-138b.
ALTERNATOR **1**-709d; **8**-284b: *see also* Electric generator.
Alte Veste (battle) **22**-138d.
ALTGELD, J. P. **1**-709d; **1**-876d; **5**-806c.
Altgraf (title) **6**-593d.
ALTHAEA (myth.) **1**-709d.
— officinalis (plant): *see* Marsh mallow.
— rosea: *see* Hollyhock.
Althaldensleben, Ger. [**24**-39 G1].
Altheimer, Ark. [**24**-120 D3].
ALTHIBUROS **1**-709d.
ALTHING **1**-710a; **12**-46b.
Althom, Pa. [**24**-106 B2].
Althorne, Eng. [**24**-15 D4].
Althorp, John C. Spencer, 3rd earl Spencer: *see* Spencer.
Althorpe, Eng. [**24**-14 C2].
—, S. Austr. [**24**-170 C5].
Alticamelus (zool.) **22**-642b.
ALTICHIERO DA ZEVIO **1**-710a; **23**-89a.
Altieri, E.: *see* Clement X. (pope).
Altimani, N. **23**-302a.
Alti Mermer **6**-304d.
ALTIMETER **1**-710a; **1**-228c; aircraft **3**-129a; Pl. II. **1**-AERIAL NAVIGATION.
Altingia excelsa: *see* Rasamala.
Altinho, Braz. [**24**-164 C2].
Altin Ovassi: *see* Séres.
ALTINUM, It. **1**-710b.
Altionos, Fr.: *see* Tours.
Altiplanicie, plat., Bol. **3**-813b; **1**-902a.
Altiplano: *see* Altiplanicie.
Altis, Olympia, Gr. **16**-779b.
ALTISSIMO (mus.): *see* Alt, Altissimo.
ALTITUDE **1**-710c; **8**-219b fol.; anoxic **2**-8a; aviation **2**-812d; Pl. II. fig. 9 **1**-AERIAL NAVIGATION; climate **5**-817a; barometers **3**-129a; dials **7**-313c; engines **1**-230c; respiration **19**-221a.
Altitudinal zonation **18**-15c.
Altkirch, Fr. [**24**-25 N4]; **11**-259a; **11**-259a; **9**-867b.
Alt-Kölln, Berlin **3**-444a.
Altkönig, mt., Ger. **21**-835d.
Alt Landsberg, Ger. [**24**-39 J1].
Alt-Leiningen-Westerburg **13**-893d.
ALTMAN, BENJ. **1**-710c.
—, J. (expl.) **2**-296d.
— collection **15**-1000a.
Altmannstein, Ger. [**24**-39 G5].
Altmar, N.Y. [**24**-103 E2].
Altmark, dist., Ger. [**24**-39 G1]; **18**-653d.
— truce **21**-645a.
Altmorschen, Ger. [**24**-38 E2].
ALTMUHL, riv., Ger. [**24**-39 G5; **24**-38 F4]; **1**-710c.
Alto, Ariz. [**24**-149 E7].
—, La. [**24**-121 C1].
—, Mich. [**24**-131 F7].
—, N.Mex. [**24**-148 D5].
—, Tenn. [**24**-117 F2].
—, Tex. [**24**-123 G4].
—, Wash. [**24**-150 G4].
ALTO (mus.) **1**-710d.
Alto Adige, dist., It. **12**-819a.
Alto-cumulus **5**-852b: Pl. II. fig. 4 **5**-CLOUD; Pl. II. fig. 7 **5**-CLOUD.
Alt Oels, Ger. [**24**-39 L2].
Altofts, Yorks., Eng. **16**-497a.
Alton, Ark. [**24**-120 B4].
—, Austr. [**24**-171 J1].
—, Calif. [**24**-154 A2].
ALTON, Hants., Eng. [**24**-15 C4]; **1**-710d.
—, Fla. [**24**-115 E1].
—, Ia. [**24**-138 A2].
ALTON, Ill. [**24**-129 B5]; **1**-710d.
—, Ind. [**24**-127 B4].
—, Kan. [**24**-142 D2].
—, Ky. [**24**-116 F2].
—, Me. [**24**-96 D3].
—, Mo. [**24**-141 F5].
—, Mont. [**24**-144 D2].

Alton, N.Dak. [24-136 G2].
—, N.H. [24-97 C3].
—, N.Y. [24-102 D2].
—, O. [24-125 B4].
—, R.I. [24-100 B4].
—, Utah [24-152 B5].
ALTONA, Ger. [24-36 D2]; 1-711a; 20-75a; 5-618c.
—, Ill. [24-128 B2].
—, Mich. [24-131 F6].
—, Neb. [24-139 G2].
—, N.Y. [24-103 G1].
Alton Bay, N.H [24-97 C3].
Alton Locke (Kingsley) 13-399c; 21-635b.
Alton Summit, Ill. [24-129 B5].
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Anel syringe (med.) **1**-917c.
Anelytropsidae (zool.) **14**-245c.
Anemar, Jeb, mt., Arab. [**24**-62 B2].
Anemby, riv., Braz.: *see* Paraná-panema.
Anêmentos: *see* Oannes.
Anemodoulion (bldg.) **6**-306b.
Anemometer (instru.) **1**-917c; fig. 1, 2 **1**-917-18; fig. 2 **5**-CLIMATE AND CLIMATOLOGY.
ANEMOMETRY **1**-917c.
ANEMONE **1**-919a; **5**-664b. **18**-980a.
— apennina **1**-919b.
— canadensis: *see* Canada wind-flower.
— caroliniana: *see* Carolina wind-flower.
— coronaria: *see* Poppy anemone; Red anemone.
— cylindrica: *see* Hong-fruited wind-flower.
— fulgens **1**-919a.
— hepatica: *see* Noble agrimony; Old World hepatica.
— hortensis **1**-919a.
— hudsoniana: *see* Red wind-flower.
— japonica **1**-919a.
— nemorosa: *see* Wood anemone.
— occidentalis: *see* Western pasque-flower.
— parviflora: *see* Northern wind-flower.
— patens: *see* American pasque flower.
— Pulsatilla: *see* Pasque flower.
Anemone quinque folia: *see* American wood anemone.
— Richardsonii: *see* Richardson's wind-flower.
— trifolia: *see* Mountain wind-flower.
— virginiana: *see* Thimbleweed.
Anemoneae **18**-979d.
Anemophilous flower **18**-169d; **9**-414b.
Anemophily: *see* Wind pollination.
Anemopsis californica: *see* Yerba Mansa.
Anemoscope Pl. fig. 6 **5**-CLIMATE AND CLIMATOLOGY.
ANENCLETUS (ANACLETUS) **1**-919c.
ANERIO, FELICE **1**-919c.
ANEROID BAROMETER **1**-919c; **1**-710b; **3**-126b; **3**-128a; **21**-615a.
Anes, Tenn. [**24**-117 E2].
Anestile **8**-781c.
Anesty, Richard d' **6**-213d.
Anet, Claude **9**-800d.
ANET, Fr. **1**-919c.
Anet, Château d' **7**-172c.
Aneta, N.Dak. [**24**-136 G2].
Anethol **17**-819a.
Anethum graveolens: *see* Dill.
Aneto, mt., Sp. [**24**-33 G1]; **2**-209b; **20**-626c: *see also* Néthou.
Aneuploidy **11**-491b.
Aneura **4**-304d.
ANEURIN **1**-919c.
Aneurophyton **17**-77d.
ANEURYSM (Aneurism) **1**-919d; **2**-454d; **6**-379d; **9**-974b; **17**-509a.
Anfā, Mor. **4**-957d.
ANFRACTUOSITY **1**-920a.
Anfu group **5**-543d.
Angad **20**-647b.
Angadi **17**-241d.
Angamanain, isls., Ind. O.: *see* Andaman.
Angami **11**-293d fol.; **19**-87a.
— Nagas **7**-22b; **15**-336d.
Angangueo, Mex. [**24**-158 D4].
Angara, plat., U.S.S.R. **19**-684c.
—, riv., (Sib.) U.S.S.R. [**24**-57 H3; **24**-181 J3]; **2**-934c; **4**-410c; **23**-887a: *see also* Tunguska.
Angaraland **6**-332c; **17**-82b.
Angara series **2**-515a.
ANGARIA **1**-920a.
ANGARY, RIGHT OF **1**-920b.
Angaston, Austr. [**24**-170 D5].
Angat, P.I. **17**-728c.
Angazia, isl., Ind. O.: *see* Great Comoro.
Ange, César L. M. F., comte Houdetot: *see* Houdetot.
Ange, Swed. [**24**-42 G5].
Ange (coin): *see* Angel.
Angeac, cape, Nfd. [**24**-93 B3].
Angeby stone **19**-663d.
Ange de Sainte-Rosalie **2**-11d.
Ange et l'enfant, L' (poem) **18**-642a.
Angel, isl., Calif. **19**-942a.
—, dist., Ger. **1**-931a.
ANGEL (rel.) **1**-920c; **7**-396d fol.; **13**-40b.
ANGEL (coin) **1**-921b; **16**-628d.
— (steeple, Canterbury): *see* Bell Harry.
Angela, Mont. [**24**-144 E2].
Angel-Brethren **16**-53d.
Angel cake **4**-541b.
Angel de la Guarda, isl., Mex. [**24**-158 B2].
Angeles, mt., Chile **22**-958b.
—, mt., Wash. **18**-246a.
ANGEL-FISH **1**-921b; **20**-466c; Amazon Pl. fig. 9, 10 **2**-AQUARIUM: *see also* Spade-fish.
Angelholm, Swed. [**24**-43 F8].
Angelica, Miss (nick.): *see* Kauffmann, Angelica.
Angelica, N.Y. [**24**-102 B3].
ANGELICA (bot.) **1**-921c; **22**-678a.
— balsam **1**-921c.
— (library, Rome) **14**-16d.
— officinalis: *see* Angelica.
— sylvestris **1**-921c.
— tree **2**-212c.
Angelic Doctor: *see* Aquinas, Thomas.
Angelichthys ciliaris: *see* Angel fish.
ANGELICO, FRA **1**-921c; **17**-37d; Pl. I., II. **17**-PAINTING.
Angelina, co., Tex. [**24**-123 G4].
Angelina, riv., Tex. [**24**-123 G4].
Angel in the House (Patmore) **17**-380c.
—, **JAMES B.** (Am.) **1**-922c.
—, **JAMES R.** **1**-922c; **23**-875b.
Angell, Ariz. [**24**-149 D3].
Angel-noble: *see* Angel coin.
Angelo, Aulista di (paint.) **17**-635b.
Angelo (Cui) **6**-847d.
"Angelo Custode" (Guercino) **9**-67a.
Angelo da Siena: *see* Agnolo da Siena.
Angel of Yahweh **1**-920d.
Angelology **7**-745a.
Angelona, Gr. **21**-170c.
Angelopolis, Mex. **17**-112d.
Angelos del Pas **21**-406d.
Angelot: *see* Angel coin.
Angels, Pa. [**24**-107 F2].
— Camp, Calif. [**24**-154 C3].
Angel stone **14**-775b.
Angelus, Isaac II. (emp.): *see* Isaac II. (Angelus).
—, Theodore (emp.) **14**-562a.
Angelus, Kan. [**24**-142 B2].
—, S.C. [**24**-113 D2].
ANGELUS (rel.) **1**-922d.
Angelus Artrio piano-player **18**-70a.
ANGELUS SILESIUS **1**-922d; **10**-222c; **16**-53d; **12**-16d.
Angennes, Julie d' **18**-964a.
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ANGER (psych.) **1**-923a; **18**-688b.
Angerapp, riv., Ger. [**24**-40 E1].
ANGERBURG, Ger. [**24**-40 E1]; **1**-923a.
Angered-Strandberg, Hilma **21**-658d.
Angermair, Christoph **12**-841a.
Angerman, riv., Swed. [**24**-42 H5]; **21**-636d.
Angermann, Clara **8**-110d.
ANGERMUNDE, Ger. [**24**-40 A2]; **1**-923a.
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ANGERS, Fr. [**24**-24 E4]; **1**-923b; **11**-799b; Fulk le Réchin **1**-976c; **21**-800d; library **14**-13b.
—, Treaty of (1620) **9**-626a.
—, Que. [**24**-89 A3].
ANGERSTEIN, JOHN J. **1**-924a; **14**-256c; **15**-998a.
Angerut, Sah. [**24**-78 E3].
Angerville, Fr. [**24**-24 G3].
Angéry forest, Fr. **19**-835a.
Angevin (dialect) **9**-760c.
— exchequer (Eng.) **8**-951c fol.
Angevins (fam.) **9**-719d.
— (people) **1**-923d.
Anghara, riv., Fr. Equat. Af. [**24**-82 D1].
Anghelu Ruju, Sard. **19**-996a.
Anghiari (battle) **9**-391c.
Angical, Braz. [**24**-164 B3].
Angicos, Braz. [**24**-164 C2].
Angie, La. [**24**-121 E3].
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Angier, R.P. **1**-272b.
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Angista, Gr. [**24**-55 C2].
Angistri, isl., Gr. [**24**-55 C4].
Angitia **14**-973a.
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ANGKOR, Fr. I.C. [**24**-71 B3] ruins **1**-928b; **4**-640b; **12**-226b; **20**-594c.
— Vat (temple), Fr. I.C. **1**-928c; **4**-639c fol.; **12**-226c; **15**-927c; **21**-929a.
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Anglaise (writ.) **4**-616d.
Anglards, Fr. [**24**-26 F2].
Angle, N. Dak. [**24**-136 A1].
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Angle-sense **6**-234d.
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— **HEAT** **1**-966a; **17**-887d; **9**-209c; **1**-967c; **20**-750c.
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— (Aristotle) **20**-137d.
— (Avicenna) **17**-886d.
Animal literature **1**-263b.
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— **PSYCHOLOGY** **1**-968a; **18**-697d; **18**-703b; **18**-695d; **6**-169d: *see also* Psychology, Comparative.
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Animal size (paper mfr.): *see* Gelatine size.
— **SOCIOLOGY** **1**-971a.
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— spirit **15**-199c; **7**-251b.
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Animist (psych.) **1**-50d.
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ANIMUCCIA, GIOVANNI **1**-975c.
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Anisomerous flower **9**-410d.
Anisomyaria **13**-625c.
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Anjiro (Jap.) **12**-935c.
Anjou, counts of (Fr.) **20**-328b; **4**-790a; **11**-657d.
—, countship, Fr. [**24**-22 C3; **24**-24 E4].
—, Charles, count of: *see* Charles I. (of Naples).
Anjou, Francis, duke of: *see* Francis.
—, Geoffrey Martel, count of: *see* Geoffrey.
—, Henry (of Valois), duke of: *see* Henry.
—, Jean Baptiste Gaston, duke of: *see* Orleans.
—, John, count of **5**-279b.
—, Louis I., duke of: *see* Louis I. (of Naples).
—, Margaret of: *see* Margaret.
—, Philip, duke of: *see* Philip V. (of Sp.)
—, P. F. **2**-294b; **16**-329d.
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—, isls., Arctic O.: *see* New Siberian Islands.
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—, isl., Ind. O. **6**-140b.
Anka (bird) **19**-360d.
— (met.) **15**-322b.
Ankara, Turk.: *see* Angora.
Ankaratra, mts., Mad. [**24**-185 H7]; **14**-600a.
Ankarede, Swed. [**24**-42 G4].
Ankay, riv., Mad. **14**-601a.
Ankeny, Ia. [**24**-138 D3].
Ankeny, Wash. [**24**-150 G4].
Ankenytown, O. [**24**-124 C3].
Anker, riv., Eng. [**24**-14 B3].
—, (measure) **15**-138c.
ANKERITE (min.) **1**-978a; **5**-871c.
Ankhe, Fr. I.C. [**24**-71 C3].
Ankhmakhis (Egy. k.) **8**-77a.
An-king, China [**24**-70 C3]; **1**-958d.
ANKLAM (ANCLAM), Ger. [**24**-40 A2]; **1**-978a.
ANKLE (ANCLE) **1**-978a; **1**-885a; **13**-131d; bones **20**-739b.
ANKOBER, Aby. **1**-978a; **1**-72d; map **1**-71.
Ankobra, riv., Go. Cst. **10**-485c.
ANKOLE, plat., Ugan. **1**-978a; **22**-662d.
Ankoli, dist., Ugan. [**24**-83 F3].
Ankor Thom **12**-268d.
— Wāt **12**-268d fol.; Pl. VI. figs. 1, 12, 13 **12**-INDIAN ARCHITECTURE.
Ankus **14**-680c.
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Ankylostoma braziliense **11**-730a.
— duodenale (bacillus) **4**-682a; **11**-730a; **17**-278b; *see also* Hookworm.
Ankylostome infestation (med.) **11**-730a.
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Anlace **6**-972b; **21**-694a.
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Anlauf, Oreg. [**24**-151 B4].
An-lu, China [**24**-70 B3].
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Anna (Aus. emp.) **9**-165a.
— (mother of Mary) **14**-999c.
— (of East Anglia) **7**-858a.
— (of Hung.) **9**-165b.
— (of Saxony) **11**-58b.
ANNA, BALDASARRE **1**-979a.
Anna, Ill. [**24**-129 C6].
—, Miss. [**24**-119 A4].
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—, Tex. [**24**-123 F3].
—, cr., Austr. [**24**-170 C2].
—, mt., Nev. [**24**-153 B4].
—, riv., Va. [**24**-110 G3].
ANNA (ANA) **1**-979a; **12**-172b.
ANNA AMALIA (duchess of Saxe-Weimar) **1**-979a.
Annaba, Alg.: *see* Bona.
Annabella, Utah [**24**-152 B4].
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ANNABERGITE **1**-979b.
Anna Bolena (Donizetti) **7**-529a.
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ANNA CARLOVNA (duchess of Brunswick): *see* Anna Leopoldovna.
Anna Caroline (of Aus.) **11**-59a.
ANNA COMNENA **1**-979b.
Anna Creek, Austr. [**24**-170 C2].
Annadale, N. Y. [**24**-104 A6].
An Najaf, 'Iraq: *see* Najaf.
Anna Karenina (Tolstoy) **22**-273c.
Annalee, riv., Ire. [**24**-20 D2].
ANNA LEOPOLDOVNA **1**-979c.
Annales (Einhard) **19**-387a.
— (Ennius) style **8**-614a; **8**-647a; **13**-747d.
— *de l'empire* (Voltaire) **23**-251a.
— *des Sciences Naturelles* **4**-237b.
— *Ecclesiastici* (Baronius) **1**-980c; **3**-132b.
— *Maximi* **1**-980b.
— *Regii* **12**-53c.
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— *sex regum Angliae* (Eng.) **22**-459b.
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— *typographici* (Panzer) **12**-146c.
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— (Rom.) **1**-137c.
— *of Lu* (Confucius): see *Ch'un Ch'iu*.
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ANNAM, state, Fr. I. C. [**24**-57 J7; **24**-71 C2]; **1**-980c; architecture **12**-226c; Pl. VI. fig. 5 **12**-INDIAN ARCHITECTURE; art **12**-269b; climate **2**-517b; hist. **4**-641d; Cochin-China **5**-939b; French Indo-China **12**-258b fol.; Hindu kingdom **2**-532b; Hué **11**-861c; people **22**-279d; Tongking **22**-280a.
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— (Saxe-Lauenburg) **15**-193d.
—, key, Fla. [**24**-115 F4].
Annamese Cordillera, mts., Asia **5**-939c.
Annan, James C. **17**-830c fol.
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—, riv., Scot. [**24**-19 E6]; **20**-964d.
Annandale, Austr. [**24**-169 A4].
—, Minn. [**24**-135 D6].
—, N. J. [**24**-105 B2].
Annan Water, riv., Scot. [**24**-12 A2].
ANNA PERENNA **1**-981d.
—, Calif. [**24**-154 B3].
—, Ill. [**24**-129 E4].
ANNAPOLIS, Md. [**24**-109 C2]; **1**-981d; **7**-490d; il. **15**-3.
—, N. S. [**24**-88 D4].
—, O. [**24**-124 E3].
—, val., Can. **9**-881d.
ANNAPOLIS CONVENTION **1**-982b; **11**-122a.
ANNAPOLIS ROYAL, N. S., Can. **1**-982c; **4**-704d.
ANN ARBOR, Mich. [**24**-131 H7]; **1**-982c; **9**-201b.
Annarummenzi (deity): *see* Innaravantash.
Annas (bibl.) **13**-94b.
An-Nasīb (poetry) **11**-116b.
An Nasiriya, 'Iraq: *see* Nasiriya.
ANNATES **1**-982d; **19**-41c.
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Annawan, Ill. [**24**-128 C2].
ANNE (Russ. emp.) **1**-983a; **19**-717c; **3**-640c; **7**-506d.
— (of Bohem. and Hung.) **11**-58d.
— (of Bohem., Eng.) **19**-287b; **8**-499a.
ANNE (Brit. q.) **1**-983d; **8**-524b; **19**-420b; **20**-999b; **10**-679a; Bolingbroke **3**-808d; crown **6**-761d; lit. **8**-589a; navy **10**-685d; portrait **6**-974d; Scot. **20**-168b.
— **(OF BRITTANY**, Fr.) **1**-986a; **9**-620b; **5**-278a; **8**-508c; **19**-826c.
— **(OF CLEVES**, Eng. q.) **1**-986b; **8**-515b fol.; port. **11**-637a.
— **(OF DENMARK**, Eng. q.) **1**-986c; **12**-877a.
— (of Warwick, Eng. q.) **8**-507b; **19**-288a; **23**-376b fol.

Anne (Anne Hyde, Brit. q.) **12**-877d.
— (of Aus., Fr. q.) **9**-627b fol.; **6**-215b; **13**-727a; Richelieu **19**-291d.
— **(OF FRANCE)** **1**-986d; **3**-273c; **5**-278a.
— (Fr., w. of Henry I.) **11**-441a.
— (Fr. princess) **23**-122d; **16**-910c.
— (of Bav.) **11**-58d.
— (Beaujeu): *see* Anne (Fr.).
— (of Este, duchess of Guise): *see* Guise.
— (of Lusignan) **20**-26a.
— (of Orange) **10**-185b.
— (of Pol.) **20**-640a.
— (of Sax.) **11**-59d.
— (of Sp.) **11**-58b.
— (of York) **8**-962b.
— (of Borsselen) **8**-677b.
— (of Wiltshire) **4**-461b.
ANNEALING **1**-987a; **15**-61c; **15**-320d; brass **4**-42c; copper **6**-408b; glass **3**-955d; **10**-418b; steel **12**-664c.
— furnace **1**-987c; il. **1**-987, 988: *see also* Lehr.
Anne Arundel, co., Md. [**24**-109 C2].
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Anne Catherine (Dan. q.) **9**-715a.
Annecy, arrond., Fr. **11**-257d.
ANNECY, Fr. [**24**-27 K2]; **1**-988a; **11**-257d.
—, lake, Fr. [**24**-186 B4]; **1**-988b.
— le Vieux, Fr. **11**-257d.
Annēdotus (Babyl. myth.): *see* Oannes.
Anne Elizabeth apples **9**-880a.
Anneessens, François **3**-358a.
Annefors, Swed. [**24**-45 F1].
"Anne, Lady de la Pole" (Romney) **2**-483d.
Annelet (her.): *see* Ring.
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Annelly, Kan. [**24**-142 E4].
Annemasse, Fr. [**24**-27 K1].
ANNEN, Ger. **1**-998c.
Annensky, Innocent **19**-756b.
Annesley, Arthur, 1st earl of Anglesey: *see* Anglesey.
—, Samuel **23**-515c.
Annesley, Eng. [**24**-14 B2].
—, bay, Af. **23**-991c; **8**-689b.
Anness, Kan. [**24**-142 E4].
Annette (of Wordsworth): *see* Vallon, Marie-Anne.
Anneux, Fr. **4**-644c.
ANNEXATION **1**-998c.
Annfield Plain, Dur., Eng. [**24**-13 C3].
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Annibaldi (fam.) **19**-517a.
Annibale, Campo di, It. **13**-757a.
ANNICERIS (philos.) **1**-998d.
Annieopsquotch, mts, Nfd. [**24**-93 B2].
Annieville, Ark. [**24**-120 D1].
ANNING, MARY **1**-998d.
Anninos, Themistocles **4**-869c.
Annisquam, Mass. [**24**-99 D1]; **10**-435d.
ANNISTON, Ala. [**24**-118 D2]; **1**-998d.
—, Mo. [**24**-141 H5].
Anniviers, val., Switz. [**24**-30 D4].
"Ann McKim" (ship) **3**-2c; **5**-831a; **20**-509d.
ANNO (HANNO), ST. **1**-999a;
ANNOBON (ANNO BOM), isl., W. Af. [**24**-185 D6]; **1**-999a.
Annolied (poem) **10**-220a.
Anno Mundi (era) **5**-660a.
ANNONA **1**-999b; civica **5**-249b; tax **19**-442d.
Annona, Tex. [**24**-123 G3].
ANNONAY, Fr. [**24**-27 H2]; **1**-999c; aero. **2**-1006c.
Anno Santo (1925) **12**-826c.
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Anno urbis conditae **1**-23b.
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ANNOY **1**-999d.
Annoyance, Jury of **1**-999d.
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ANNUAL REGISTER (Eng.) **2**-1a.
Annual rent: *see* Annuity.
Annual rings (bot.) **1**-925a; plants **18**-11c; trees Pl. **22**-TIMBER; **22**-217b.
ANNUALS (bot.) **12**-1b; **11**-775a; **18**-16c.
Annuello, Austr. [**24**-170 F5].
ANNUITY **2**-1b; abatement **1**-8c; Brit. fin. **10**-692c; contract **14**-57a; rate **2**-4d.
—, Deferred: *see* Deferred Annuity.
ANNULAR (ANNULATE) **2**-5b; **19**-66b.
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— finger (anat.) **2**-5c.
Annularia (fossil) **17**-74a.
Annular reflector **15**-441d.
— nebulae (astron.): *see* Planetary nebulae.
— space (geom.) **2**-5c.
— vault (arch.) **23**-16b.
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Annulated cross (her.) **2**-5b.
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— ovalis (anat.) **11**-305c.
— piscatoris (ring): *see* Ring of the Fisherman.
Annunciation, U.S.S.R.: *see* Blagovyeshchensk.
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Annunciator **21**-897d.
Annunziata, It. [**24**-35 E4].
Annunziata, Order of the **13**-438c.
ANNUNZIO GABRIELE D' **2**-5c; **7**-592c; **12**-748a; **12**-818a; Fiume **12**-819c.
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ANTISTROPHE **2**-80c; **21**-477c; mus. **16**-5a.
Antisyphonage pipe (plumbing) **19**-947b.
Antitactae **2**-60d.
Anti Taurus, mts., Turk. [**24**-58 G3]; geology **2**-535d; **4**-817d; Kurds **13**-520c.
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Antitriptic winds **15**-352c.
Antitropal embryo (bot.) **20**-275d.
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Antitrypsin (bac.) **12**-114a.
ANTITYPE (theol.) **2**-80d.
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ANTIUM, It. **2**-80d; **13**-757b; **13**-758c; Rome **19**-476c fol.
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Antjau, Nig. [**24**-80 F3].
Antler, N. Dak. [**24**-136 C1].
—, Sask., Can. [**24**-91 F4].
— moth **13**-956a; **13**-952b.
Antlers, Colo. [**24**-147 C2].
—, Okla. [**24**-143 H4].
ANTLERS (zool.) **2**-81a; **20**-753c; **7**-134a; **17**-430b.
Antlia (astron.) **6**-313d.
ANT-LION (insect) **2**-81a; **18**-692d; Pl. fig. 5 **12**-INSECTS.
Antofagasta, prov., Chil. [**24**-165 C1]; **2**-81c; **3**-820a; **5**-485d.
ANTOFAGASTA, Chil. [**24**-165 B1]; **2**-81b.
—, bay, Chil. **11**-176b; **5**-485d; il. **2**-81.
Antofagasta-Bolivia Railroad **3**-816a.
Antogast, Ger. **2**-914b.
Antoigné, Fr. [**24**-24 F3].
ANTOINE, ANDRE **2**-81d; **7**-608a.
—, riv., Can. [**24**-90 C1].
—, lake, W. I. **10**-874c.
— de Bourbon: *see* Bourbon.
Antoing, Belg. [**24**-29 B4]; battle (1745) **9**-453a.
Antologia (It. period.) **12**-747a; **4**-818d.
Anton, Colo. [**24**-147 G2].
—, Tex. [**24**-122 C3].
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—, L. (dram.) **7**-592c.
—, Pietro, count (dipl.) **12**-811c; **1**-76d.
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—fortress (Jerusalem) **20**-337b.
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Antonine, Kan. [**24**-142 C3].
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— Martyr (anc. hist.) **20**-704a; Nazareth **16**-178b.
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ANTONIO (pretender) **2**-82d.
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ANTONIO, NICOLAS (Sp. bibliog.) **2**-83a.
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—, Gaius (Hybrida) **2**-83b; **4**-518c.
—, Marcus (Creticus) **2**-83b.
—, Marcus (Rom. orator) **2**-83a; **1**-356a; **18**-592b.
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— Nebrissensis (Sp. schol.): *see* Antonio de Lebrija.
ANTONOMASIA **2**-84a.
Antony (Padua) **18**-424d.
—, Mark: *see* Antonius, Marcus.
— (Habsburg-Lorraine) **11**-59c.
— (Tuscany) **11**-59b.
— Ulrich (prince of Brunswick-Wolfenbüttel) **1**-979c.
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ANTRIM, RANDAL MAC-Donnell, 1st marquess **2**-84b.
ANTRIM, co., Ire. [**24**-20 E2]; **2**-84c; **12**-615c; **12**-596a; **12**-621c; Dalriada **6**-994b; geology **12**-592d; Presbyterian rising **12**-610d.
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—, Kan. [**24**-142 D4].
—, N.H. [**24**-97 C3].
—, O. [**24**-125 D3].
—, Pa. [**24**-107 D2].
—, plat., Austr. [**24**-168 D2].
—, plat., Ire. [**24**-177 C3].
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ANTRUSTION **2**-85c; **19**-880a.
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Antuitrin **8**-433d.
Antum (goddess) **2**-89c.
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ANTUNG, Manchuria [**24**-69 L3]; **2**-85d.
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Antverpiensis (ms., Demosthenes) **7**-196d.
Antwerp, Austr. [**24**-170 F6].
ANTWERP, prov., Belg. [**24**-29 C3]; **2**-86a; **3**-352a.
ANTWERP (Anvers), Belg. [**24**-29 C3; **24**-8 G3; **24**-3 M2]; **2**-86a; view of Pl. I. fig. 3 **3**-BELGIUM; cathedral **2**-87a; commerce **2**-87a; dock **7**-473b; **7**-468b; exhibition **8**-965b; fortifications **9**-528b; **9**-534c; gable **9**-962c; laces **13**-567b; maiolica dish il. **18**-347; map making **14**-843d; naval support, 1914 **23**-778a; news **16**-354a; Olympiad (1920) **21**-667c; port fig. 1 **7**-467; il. **2**-86; pottery **18**-34Sa; quay wall fig. 14 **7**-474; shipping **2**-87a; tapestry **21**-800b.
ANTWERP: *History:* **16**-116a; battles (1584) **10**-328d; Anjou's attack, 1583 **11**-657d; battle, 1832 **3**-361a; defence (1859) **9**-530d; Farnese **9**-96d; siege (1585) **11**-658a; treaty (1715) **22**-917b.
—, N.Y. [**24**-103 E1].
—, O. [**24**-124 A2].
ANTWERP, SIEGE OF (1914) **2**-87c; map **2**-88; World War **23**-755a.
Antwerp Blue **17**-67c.
Antwerpia nummis (16th cent. poem.) **2**-86d.
Antwerp Polyglott (Bible) **18**-183a.
Antwerp to Hull (s.s. route) [**24**-8 G3].
Antwyne, Wash. [**24**-150 F2].
ANU (Babyl. god) **2**-89c; **2**-857d fol.; **7**-821d; Adapa **1**-160a; f. of Ishtar **10**-351a; Nusku **16**-645c.
An Uaimh, I.F.S.: *see* Navan.
Anuak, Aby. [**24**-79 C6].
— (Af. people) **16**-459d.
Anuar, mts., Sp. [**24**-32 E4].
ANUBIS: *see* Egypt, Religion: *see also* **8**-59c.
—baboon **2**-840b; il. **2**-840.
Anudātta **19**-955c.
Anugīta (lit.) **12**-163a.
Anula **19**-85b.
Anuloma (caste) **4**-977c.
Anumbius anumbi: *see* Leñatero.
Anund **21**-642b.
Anunnaki (deities) **2**-858c.
Anun Qarahisar, Turk. [**24**-9 N6].
Anūpshahr, canal, India **15**-212c.
Anup Singh (chief) **3**-559c.
ANURA (zool.) **2**-89d; comparative anat. **20**-735d; heart **11**-306a; metamorphosis **15**-331c; tongue **22**-281d; veins **23**-31c; **20**-741d.
ANURADHAPURA, India [**24**-67 D5]; **2**-89d; il. **5**-177b; arch. **12**-224d; sculp. **12**-218b; Sinhalese **5**-180d.
Anuria (med.) **22**-900d.
Anurida maritima **2**-152c.
ANUS (anat.) **2**-90a; embryol. **19**-179a; sphincters fig. 3 **22**-898; surgery **21**-604b.
Anush (rel.) **14**-787d; **11**-807a.
Anushirvan: *see* Chosroes I.
Anushtajin (Khwarizm) **17**-587c.
Anushtakin al-Dizbarī (gov. of Syr.) **8**-82a.
ANVARI (Pers. poet) **2**-90a.
Anvār-i Suheylī (Pers. classic) **22**-619d.
Anvers, Belg.: *see* Antwerp.
Anvik, Alsk. [**24**-156 H5].
Anvil, Ill. [**24**-129 C4].
ANVIL (implement) **2**-90a; fig. 3 **12**-676.
— (ear) **11**-297a.
Anvil City, Alsk.: *see* Nome.
Anvil de Baracoa, mt., Cu. **6**-833c; **3**-93c.
ANVILLE, JEAN B. B. D' **2**-90b; **14**-844b.
Anvil Location, Mich. [**24**-130 A3].
Anvin, Fr. [**24**-24 H1].
Anwār-i-Suhaillī (Kāshifī) **3**-548d.
ANWEILER, Ger. [**24**-38 D4]; **2**-90c.
Anwhei, prov., China. **12**-682b.
Anxanum, It.: *see* Lanciano.
Anxiety hysteria **12**-27b.
Anxious, bay, Austr. [**24**-170 B4].
ANXUR: *see* Terracina: *see also* **13**-759b.
Anyam Gila: *see* Mad Weave.
An-yang, China **18**-361a.
Anykščiai, Lith. [**24**-47 C3].
Anykščių Šilelis (epic) **14**-217a.
Anyox, B.C. [**24**-92 C3]; **4**-171d.
Anyte (Gr. poet.) **8**-647a.
Anytus (pol.) **18**-52d; **20**-917c.
Anz, mt., Arab. **2**-174b.
Anza, Juan Bautista de (Sp. expl.) **19**-944b.
Anzac (trade) **22**-359b.
—, beach, Gallipoli penin. **7**-53b; map **7**-55.
Anzan, dist., Pers. **12**-705c fol.; **8**-118a.
ANZENGRUBER, LUDWIG **2**-90c; **10**-228b; **7**-614d.
Anzilish **11**-607a.
ANZIN, Fr. [**24**-25 J1]; **2**-90c.
Anzio, It.: *see* Antium.
ANZOATEGUI, state, Venez. [**24**-162 E2]; **1**-90d.
"Aoba" (cruiser) fig. 3 **6**-CRUISERS.
Aoide (myth.) **15**-990d.
Aoife (d. of Dermot MacMurrough): *see* Eva.
Aoireale, Sic. [**24**-35 E6].
Aoloau, bay, Samoa [**24**-176 E2].
Aomasi, mt., Du.E.I. **9**-394c.
Aomori, Jap. **12**-915d; **12**-897b.
Aonach Beg, mt., Scot. **20**-140c.
AONIA, dist., Boeotia **2**-90d.
Aonyx **14**-751c; **4**-900b.
Aor, isl., Mal. Penin. [**24**-71 B5].
Aorai, mt., Tahiti [**24**-176 B2]; **17**-14b.
AORIST **2**-90d.
AORNOS, SIEGE **2**-90d.
AORTA (artery) **2**-90d; physiology, etc. **2**-451c; fig. 2 **22**-998; fig. 4 **2**-453; embryology **2**-453c; frog **22**-997d.
Aortic arches **2**-453d; anat. **23**-104a; **11**-304a; **2**-451c.
— glands **14**-524a.
— plexus **16**-240c; fig. 6 **16**-241.
AORTIC VALVE (anat.) **2**-91a; fig. 3 **22**-998; **11**-304d.
Aosta, Amadeo, duke of **1**-62d; **20**-27a.
AOSTA, EMANUELE FILIberto, duke of (It. gen.) **2**-91a; **23**-765d; **4**-816b.
AOSTA, It. [**24**-34 A2]; **2**-91b; campaign (1800) **9**-826c; campanile fig. D **4**-675; leprosy hospital **13**-439a; *see also* Augusta Praetoria Salassorum.
—, val., It. [**24**-181 C4].
Aoste, Fr. [**24**-27 J2].
Aotea, N.Z. [**24**-172 E2].
Aotus: *see* Dourocoulis.
AOUDAD (Barbary sheep): see Udad.
Aouk, riv., Fr. Equat. Af. [**24**-184 E5]: *see also* Bakare.
Aoul **16**-222a.
Aoulia (tribe) **16**-222a.
Aous (battle, 198 B.C.) **19**-486d.
Aoyama Gakuin (univ., Jap.) **12**-928d.
Aoza, Af. **17**-769d.
Apa, riv., Braz. and Parag. [**24**-165 E1]; **18**-43a.
Apabhraṁśa **18**-416a fol.
Apache (criminal) **2**-91c.
APACHE **2**-91b; Pl. I. figs. 2, 3 **16**-NORTH AMERICA; Ariz. **2**-361c; mask Pl. II. fig. 16 **15**-MASKS; N.Mex. **16**-317d; Okla. **16**-755a; serpent cult **20**-370a.
Apache, co., Ariz. [**24**-149 F3].
—, Ariz. [**24**-149 F7].
—, Okla. [**24**-143 E4].
—, canyon, N.Mex. (battle, 1862) **16**-320c.
—, mt., Ariz. [**24**-149 E6].
Apache-Mohave (tribe): *see* Yavapai.
Apache-Yumas (tribe): *see* Hualapaic.
Apachnas (Egy. k.) **12**-9b.
Apadāna (Buddhist) **2**-791d.
Apafi, Michael: *see* Michael (of Transyl.).
Apagoge (law) **10**-830d.
Apahy, Braz. [**24**-163 C3].
APALACHEE (tribe) **2**-91c.
Apalachee, bay, Fla. [**24**-115 D2; **24**-189 K5]; **2**-91c.
—, riv., Ga. [**24**-114 C3].
Apalachicola (tribe) **16**-26a.
APALACHICOLA, Fla. [**24**-115 C2]; **2**-91d.
—, bay, Fla. [**24**-115 C2].
—, riv., Fla. [**24**-115 C2; **24**-189 K5].
—, riv., Ga. **10**-197d.
Apalachicola Northern R.R. (Fla.) **2**-91d.
Apalachim, N.Y. [**24**-103 D3].
Apam, Go. Cst. [**24**-80 D4].
Apama (w. of S. Nicator) **2**-91d.
APAMEA (APAMEIA), tns., Asia **2**-91d.
—, Mesop.: *see* Birejik.
—, Parth. **17**-574b; map **17**-548 (D2): *see also* Mudania.
—, Phrygia **2**-91d: *see also* Dineir.
Apan, riv., Venez. **14**-854a.
APANAGE: *see* Appanage.
Apance, riv., Fr. **11**-256d.
Apangchomenē (myth.): *see* Artemis.

Apanomeria, Gr. **19**-982a.
Apanteles glomeratus **12**-57b.
Apantum (deity) **11**-607a.
Apap **7**-283c.
Apapa, Af. **13**-593a.
Apapani (bird) **11**-267b.
Apaporis, riv., Colom. [**24**-162 C3].
Apar: *see* Ball armadillo.
Apārash (god) **11**-607b.
Aparni (tribe): *see* Parni.
APARRI, P.I. [**24**-73 B2]; **2**-92a.
Apartment hotel **20**-881c, functions **11**-798b; plan **2**-277c.
APARTMENT HOUSE **2**-92b; **2**-277c; **20**-877d; insurance **3**-447c; plans Pl. II. figs. 1-8 **11**-HOUSING; Roman il. **11**-811; **11**-812b; Pls. II., IV., V. figs. 1-10 **20**-SOCIAL ARCHITECTURE.
Apash, Sin-Kiang [**24**-68 C4].
APATHY **2**-93c.
— (surg.) **21**-227c.
Apatin, Yugos. [**24**-52 D2].
APATITE (min.) **2**-93c; **7**-506a; **10**-95a; hardness **1**-61b; phosphate **15**-529a; trachyte **22**-340d.
Apatosaurus **7**-391a.
Apatura ilia fig. 38 **13**-936.
— iris: *see* Purple emperor butterfly.
APATURIA **2**-93d.
Apavarticene, dist., Pers: *see* Abiward.
Apayao (tribe) **12**-75b.
Ape (pseud.): *see* Pellegrini, Carlo.
Ape, Latvia [**24**-47 D2].
APE (zool.) **2**-94a; Pl. II. **18**-PRIMATES; **2**-41b; blood tests **14**-762c; carrying young **22**-414a; cognition **1**-962a; courtship **6**-610b; Egy. blue Pl. VII. fig. 11 **8**-EGYPT; Egy. rel. **8**-59a fol.; Jav. **12**-975c; learning rate fig. 7 **18**-695; training device fig. 9 **18**-695.
—, anthropoid: *see* Anthropoid ape.
APELDOORN, Holl. [**24**-28 D2]; **2**-94a.
APELLA **2**-94a; **10**-313c.
Apellaios (month) **4**-579b.
APELLES (paint.) **2**-94b.
Apelles, Gospel of **2**-107c.
APELLICON (schol.) **2**-94b.
APENNINES, mts., It. [**24**-8 H4; **24**-178 H7]; **2**-94c; Candigliano gorge il. **2**-95.
— (battle, 553) **14**-343a.
Aper, Arrius **4**-953c.
Apere, Braz. [**24**-163 B3].
—, riv., Bol. [**24**-162 D6].
Aperiodic system **5**-956c fol.
— compass **6**-172d.
Aperta **2**-388d.
Aperture (optics) **16**-819a fol.
Apes', mt., Mor. **10**-335d.
Apex, Ariz. [**24**-149 C3].
—, Ky. [**24**-116 C3].
—, Mo. [**24**-141 G2].
—, Mont. [**24**-144 B3].
—, N.Y. [**24**-103 E3].
—, N.C. [**24**-112 G2].
APEX **2**-96a.
APEX, SOLAR **2**-96a.
— beat (physiol.) **22**-1001c.
— stone **15**-20d.
Apfel strudel (cake) **2**-140a.
Aphaea: *see* Britomartis.
Aphakia **23**-214d.
Aphamiotae **20**-359b.
Aphaniptera **9**-366b: *see also* Siphonaptera.
APHANITE **2**-96a.
Aphanochaete (plant) **1**-594c.
Aphanomyces **20**-934a.
APHASIA **2**-96a; **5**-245a.
Aphek, Battle of (bibl.) **2**-365b; **7**-1b.
Aphelinus mali **8**-625c; **12**-13c; **23**-735c.
APHELION **2**-96d.
APHEMIA **2**-96d.
Aphenti Christos, mt., Crete **6**-676d.
— Kavousi, mt. Crete **6**-676d.
APHIDES (Aphis) **2**-96d; **9**-989b; **18**-328c fol.; **23**-735b; **9**-886c; **20**-885d.
Aphidna, Attica map **2**-659.
Aphins, riv., U.S.S.R. **13**-509b.
Aphis gossypii: *see* Cotton aphis.
— rosae (insect) **19**-555b.
— rumicis: *see* Bean aphid.
APHONIA **2**-97a.
Aphoon, pass, N. Am. **23**-925a.
APHORISM **2**-97b; **8**-648b, **15**-198c.
APHRAATES (Aphrahat) **2**-97c; **7**-952d; **14**-804a.
Aphract **20**-506c.
Aphredoderidae **9**-318c.
Aphrite **4**-547a.
Aphrodias, Asia M. **22**-590b.
APHRODISIAC **2**-97d.
Aphrodisium: *see* Bona, Alg.
APHRODITE **2**-97d; Aeneas **1**-221c; Anadyomene **1**-860c; Anchises **1**-889a; Ares **2**-312b; Beltis **3**-370a; Daphnis **7**-49a; Dione **7**-395d; Elis coins **20**-136a; Euripides **8**-824c; Graces **10**-586d; Gr. rel. **10**-848c; Hephaestus **11**-452b; in Homer **11**-700b fol.; Pisces legend **17**-958d; Priapus **18**-467a; prostitution **18**-597b; sanctuary **6**-933d; Troy **22**-503d; statues Pl. VI. figs. 4, 5, 6 **10**-GREEK ART; Venus **23**-72d: *see also* Hathor.
Aphrodite (dice) **7**-329d.
— (min.) **15**-212b.
— (zool.): *see* Sea-mouse.
"Aphrodite" (Praxiteles) **5**-866d; **18**-418d; il. **2**-98.
Aphrodite, Hymn to (Homer) **22**-254a.
"Aphrodite Anadyomene" Pl. VII. fig. 1 **20**-SCULPTURE TECHNIQUE.
Aphrodite Epitymbia **2**-98d.
Aphrodite Morphō **2**-98c.
— of Cyrene Pl. V. fig. 1 **10**-GREEK ART.
— of Cythera (temple, Gr.) **6**-941b.
"Aphrodite of Melos" (statue): *see* Venus of Milo.
Aphrodite Pandemos **2**-98d.
— Urania **2**-98b.
Aphroditopolis, Egy. **17**-244c.
Aphroditos: *see* Aphrodite.
Aphtha (path.): *see* Thrush.
Aphthartodocetism **13**-212a.
Aphthongia **21**-304b.
APHTHONIUS **2**-99b; **19**-247c.
APHTHOUS FEVER: *see* Foot and Mouth Disease.
APHTHOUS STOMATITIS: *see* Thrush.
Aphya **9**-322b.
Api (deity) **20**-236d.
Api, cape, Bor. [**24**-72 C3].
—, passage, Bor. [**24**-72 C3].
—, mt., Nepal [**24**-65 E3; **24**-68 C6].
— (Tasako), isl., New Hebrides [**24**-176 A1].
Apia, Samoa [**24**-176 C1]; **17**-13b.
Apiaca (tribe) **4**-861c.
A PIACERE (mus.) **2**-99b: *see also* Ad libitum.
Apiahy, Braz. [**24**-163 C7].
Apian, Peter **10**-146a.
Apianus, Philip **14**-842d.
Apiary Pl. **3**-BEE-KEEPING.
Apical meristem **18**-12b.
— pneumonia **18**-100c.
Apices **12**-393d.
APICIUS **2**-99b; **6**-366d.
APICULTURE: *see* Bee-keeping.
Apiculus (bot.) **2**-96a.
Apidae (bee) **12**-12b.
Apidanus, riv., Gr. **22**-131c.
Apidium **18**-488d.
Apigenin **2**-27b.
Apioideae (bot.) **22**-678d.
APION (gram.) **1**-99c; **5**-797d; **10**-431c.
Apios tuberosa: *see* Groundnut.
Apipé rapids, S.Am. **18**-42d.
Apir (Khapirti), dist., anc. Pers.: *see* Elam.
APIS (HAPI) (god) **2**-99c; **12**-570d; **4**-655a.
— (Serb.): *see* Dimitrievic, Dragutin.
Apis (insect) **20**-884c.
Apis-bull **8**-58d: **8**-60d.
Apis Club **3**-307d.
— dorsata **11**-714d.
Apish (god) **11**-607b.
Apishapa, riv., Colo. [**24**-147 F4].
Apis indica **11**-714d.
— mellifica: *see* Honey-bee.
— zonata **11**-714d.
Apium graveolens: *see* Turnip-rooted celery.
Apko (people) **16**-614b.
Aplacentalia **17**-990b.
Aplacophora (zool.) **15**-675d.
APLANATIC REFRACTION **2**-99c; lens **15**-434d; ring illuminator fig. 27 **15**-442; surface **16**-827c.
Aplanospores **1**-592c.
Aplaus, N.Y. [**24**-103 G3].
Aplecta hypnorum **10**-66c.
APLERBECK, Ger. **2**-99c.
Aplidonotus grunniens: *see* Fresh-water drum.
Aplin, Ark. [**24**-120 C3].
Aplington, Ia. [**24**-138 E2].
APLITE **2**-99c.
Aploactidae **9**-323b.
Aplodinotus grunniens: *see* Fresh-water drum.
Aplodontidae: *see* Sewellel.
Aplome **10**-29c.
Aplopappus heterophyllus: *see* Jimmyweed.
Aplysia **10**-61a; **10**-66c.
Apneustic centre **15**-183b.
APNOEA **2**-99d.
Apo, passage, P.I. [**24**-73 B3].
—, reef, P.I. [**24**-73 B3].
—, volcano, P.I. [**24**-73 C4]; **17**-725d.
Apobaterios (title) **2**-111a.
Apobotai (games) **17**-179c.
APOCALYPSE **2**-99d; **2**-104b; Antichrist **2**-60a fol.; Book of Daniel **7**-28d; Heb. rel. **11**-369d; Jesus Christ **13**-22b; Jurieu **4**-665d; millennium **15**-496d; pictures **12**-98a; Sybilline oracles **20**-602b; textual criticism **3**-521c.
Apocalypse (tapestry) **21**-800d.
Apocalypse of Abraham, etc.: *see* Abraham, Apocalypse of, etc.
"Apocalypse" series (Dürer) **7**-756b fol.
Apocalypse with a Commentary (Midland) **3**-529d.
APOCALYPTIC LITERATURE **2**-101c.
Apocarpous pistil **9**-414c.
APOCATASTASIS **2**-105a.
APOCENTRE **2**-105a.
Apochromatic lens **15**-437a; **17**-827c.
Apocrisiarii **7**-405d.
Apocrita **12**-11b.
APOCRYPHALLITERATURE **2**-105a; **11**-357c: Acts of the Apostles (bibl.) **14**-803d; **21**-721d; Book of Enoch **8**-615a; Book of Wisdom **23**-683c; Ezra **9**-15a; Midrashim **15**-459a; Twelve Patriarchs **21**-977b.
Apocryph of John: *see* John, Apocryph of.
APOCYNACEAE **2**-108d; alkaloids **1**-642a; allamanda **1**-644a; Indian hemp **12**-230b; oleander **16**-768c.
Apocynospermum dubium Pl. II. fig. 6 **17**-PALAEOBOTANY.
APOCYNUM (drug) **2**-109a.
— androsaemi folium: *see* Dog-bane.
— cannobinum: *see* Indian hemp.
Apoda (zool.) **5**-724d; **6**-804d: *see also* Coecilia.
Apodektai **5**-790c.
Apodemus: *see* Field-mouse.
— sylvaticus: *see* Wood-mouse.
Apodes **8**-22c; **9**-317a.
APODICTIC **2**-109a; Aristotle **13**-454a.
Apodina **10**-70a.
Apody, Braz. [**24**-164 C2].
—, mts., Braz. [**24**-164 C2].
—, riv., Braz. [**24**-163 E4].
Apodyterium **3**-203c fol.
APOGEE **2**-109b.
Apogon (zool.) **9**-320d.
Apohaqui, N.B. [**24**-88 D3].
Apoidea: *see* Bee.
Apolarity (math.) **1**-612a.
APOLDA, Ger. [**24**-39 G2]; **2**-109b.
Apolima, isl., Samoa [**24**-176 B1].
APOLISTAS (tribes) **2**-109b.
Apollinares (games) **10**-10c.
Apollinarianism **2**-600a; **8**-644b.
Apollinaris (Hierapolis) **2**-109b.
— (the Elder) **2**-109b.
APOLLINARIS (the Younger) **2**-109b.
—, **SULPICIUS** **2**-109c.
— **SIDONIUS G. S.** (Arverna) **2**-109c.
APOLLO (god) **2**-109d; Achilles **1**-122a; Aesculapius **1**-262d; Artemis **2**-449c; Daphne **7**-48c: Delos altar **1**-706c; Euripides's *Ion* **8**-825d: Hyacinthus **11**-955a; Hyperboreans **12**-22a; *Iliad* **11**-700a: Laomedon **13**-711b; laurel **13**-769c; lectisternium **13**-859d; Linus **14**-168c; Marsyas **14**-981b; Muses **15**-990d: Niobe **16**-462d; oracle, Abae **1**-7c; Reshef **17**-771a; Sura shrine **16**-831a: statues **4**-690a; **6**-52c; Thargelia festival **22**-19a; Troy **22**-503d.
Apollo (Reinach) **19**-80c.
Apollo (club) **5**-858c.
"Apollo" (sculp.): of Amyclae **2**-111c, at Cattaneo **5**-45c; at Delos **7**-173a: Sansovino Pl. IV. fig. 8 **20**-SCULPTURE: Scopas **20**-136a; at Veii **8**-788d.
"Apollo" (paint., Delaunay) **7**-151b.
Apollo, Pa. [**24**-106 B3].
—, bay, Austr. [**24**-170 F7].
Apollo, Fount of (Cyrene) **6**-938b.
—, Temples of: Corinth Pl. I. fig. 2 **10**-GREEK ARCHITECTURE; Cyrene il. **6**-937; **6**-938c; **1**-317a; Delos **7**-173a; Delphi **7**-174a; Notium **6**-42a: "on the Omphalos" **18**-804c; Phigalia **10**-813b; Paestum Bassae Pl. I. fig. 6 **10**-GREEK ARCHITECTURE; Pompeii **18**-201b; Rome **19**-469c fol.
"Apollo, The Triumph of" (paint., Delacroix) **7**-147c.
"Apollo and Daphne" (paint., Pollainolo) **18**-168d.
"Apollo and the Muses" (tapestry) Pl. V. fig. 2 **21**-TAPESTRY.
Apollo and the Seaman (Trench) **22**-452d.
Apollo Actius (temple) **1**-140b.
"Apollo Belvedere" **2**-111c; il. **2**-110; Pl. VI. fig. 7 **10**-GREEK ART: **10**-816a.
Apollo butterfly **13**-951d.
"Apollo Citharoedus" (statue) **2**-111c.
Apollo Delphinios (god) **2**-110c fol.
APOLLODORUS (gram.) **2**-111d; Menander **15**-237b.
APOLLODORUS (paint.) **2**-111d.
APOLLODORUS (Carystus, writ.) **2**-111d.
APOLLODORUS (Damascus, arch.) **2**-112a; **21**-928a; **22**-630a.
— (Gela, writ.) **2**-111d.
— (s. of Pasion) **22**-232b.
Apollodotus (k.) **15**-288a.
Apollo Epicurius **17**-703b.
— Granus (god) **1**-3a.
— Horomedōn (god) **2**-110b.
— Ismenius (god) **7**-48d.
— Lukeios (god) **2**-110b.
— Lyceius (god) **2**-606b; Lycurgus **14**-513d.
"Apollo Mousagetes" (statue): *see* "Apollo Citharoedus."
Apollo Musical Club (Chicago) **5**-451a.
Apollon, Galerie d' (Louvre) **23**-19d.
Apollona, bay, Gr. **16**-177b.
Apollonia (tribe) **10**-486b.
Apollonia, state, anc. Gr. **19**-485a.
APOLLONIA (anc. cities) **2**-112a.
—, Alban. **19**-979d.
—, lake, Asia M.: *see* Abullionit Geul
—, Bulg.: *see* Sizeboli.
—, Cyrene: *see* Marsa Susa.
—, Illyria **2**-112a: *see also* Pollina, Turk.
—, Pal. map **17**-129.
—, Thrace: *see* Sizeboli, Bulg.
Apollonia (festival): *see* Delia.
Apollonian problem **2**-112d.
Apollioniatis, dist., Asia **17**-576d.
Apollonicon (instru.) **11**-203a.
APOLLONIUS (the Crabbed, gram.) **2**-112a.
APOLLONIUS (the Effeminate, rhet.) **2**-112a.
APOLLONIUS (the Sophist, gram.) **2**-112b.
APOLLONIUS MOLON (rhet.) **2**-112b: **19**-261d.
APOLLONIUS OF PERGA (geom.) **2**-112b; astron. **2**-588a; conic sections **6**-224c; **6**-257c; **8**-802d; ellipse **8**-369d; geom. **10**-175c; parabola **17**-250a.
APOLLONIUS OF RHODES (poet) **2**-113a; **1**-581c; **14**-837b; romance **19**-425a.
APOLLONIUS OF TRALLES (sculp.) **2**-113b.
APOLLONIUS OF TYANA (philos.) **2**-113b; **16**-220d; **17**-763a.
APOLLONIUS OF TYRE **2**-113c; **8**-570a; **19**-427a.
APOLLOS (Jew) **2**-114a; *Epistle to the Hebrews* **11**-373b; St. Paul **6**-433a.
"Apollo Sauroctonus" (Praxiteles) **2**-111c; **18**-418d.
Apollo Smintheus (god) **2**-110a; **22**-502c.
APOLLYON **2**-114a; **2**-546a.
Apolobamba, Bol. [**24**-162 D6].
Apologetical declaration (1684) **19**-155d.
APOLOGETICS **2**-114b.
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Apologos dialogaes (de Mello) **14**-831b.
APOLOGUE **2**-118b.
APOLOGY **2**-118b; **13**-998c.
Apology (Justin Martyr) **13**-213c.
Apology (Plato) **18**-53c; **20**-917a.
Apology (Xenophon) **23**-837d.
Apology for Himself and his Writings (Steele) **21**-368b.
APOMORPHINE **2**-118c; **16**-810d fol., **2**-69c, **15**-821d.
Aponensis, Petrus de: *see* Abano, Pietro d'.
APONEUROSIS (in anatomy) **2**-118c.
Aponi fons, springs **1**-8b.
— fenestralis (plant): *see* Lattice Leaf Plant.
Apono, Petrus de (Italian philosopher): *see* Abano, Pietro d'.
Apophis (Egy. K.) **8**-71d; **7**-569c; **12**-9b.
APOPHOROMETER **2**-118c.
APOPHTHEGM **2**-118c.
APOPHYGE **2**-118c; **15**-925d.
APOPHYLLITE **2**-118c.
APOPHYSIS **2**-118d; **11**-750d.
Apopka, Fla. [**24**-115 G3].
—, lake, Citrus co., Fla. [**24**-115 F3].
—, lake, Orange co., Fla. [**24**-115 G3].
APOPLEXY **2**-118d; **8**-654d; **9**-285b; **6**-757b.
Aporé, riv., Braz. [**24**-163 B6].
Aporhyolite: *see* Porphyroid.
APOROSE **2**-119b.
Aporti, Ferrante **12**-340a.
Aposentador major **23**-33c.
APOSIOPESIS **2**-119b.
"A" position of Gauss: *see* End-on position.
APOSTASY: **2**-119b.
Apostata capiendo **23**-810d.
A POSTERIORI: *see* A Priori and A Posteriori.
APOSTIL (Postil) **2**-119b.
Apostis **20**-507d.
APOSTLE **2**-119b; **13**-18b fol.: Church hist. **5**-678b; **5**-41d; **5**-670d; *see also* under individual names.
—, isls., Wis. [**24**-122 C2; **24**-189 H1]; **2**-510d.
— of Brazil: *see* Anchieta, José de.
— of the Gentiles: *see* Paul, St.
— of the Indies: *see* Xavier, Francisco de.
— of the Indians: *see* Las Casas, Bartolomé de.
— of the Prussians: *see* Adalbert.
— of Unitarianism: *see* Channing, William E.
Apostles, Acts of the: *see* Acts of the Apostles.
—, Fast of the **9**-107c.
—, Order of the: *see* Apostolici.
—, Teaching of the Twelve: *see* Didachē, The.
Apostles (Renan) **19**-145b.
Apostles, The (Elgar) **8**-353d.
Apostles' Club **11**-802a.
— Creed **6**-656d fol.; **2**-652b.
— of the Slavs **4**-362b.
APOSTLE SPOONS **2**-121d; **20**-689a.
Apostle to the Indians: *see* Eliot, John.
Apostolicae Curae **8**-471d.
Apostolical Constitutions **11**-686d; **19**-787d.
— Succession **8**-659a.
Apostolican (Pauline Epistles) **10**-536c.

APOSTOLIC BRETHREN: *see* Apostolici.
— Camera (eccl.) **19**-407a.
— **CANONS** **2**-121d; **4**-756c.
— chamberlain (offi.) **5**-208a.
— Chancery (Rome) **4**-615b.
— Church **18**-441b.
Apostolic Church Order, The **2**-122b.
Apostolic Chamber, Clerks of The **23**-9b.
— college (R.C.) **19**-406a.
— **CONSTITUTIONS** **2**-121d; **21**-978a, **14**-226b; **5**-798b.
— delegate (R.C.) **23**-8a.
— **FATHERS** **2**-122d; **9**-111a; **11**-504a.
APOSTOLICI **2**-124a.
Apostolic Letters **6**-874d: *see also* Brief.
— **MAJESTY** **2**-124b; **14**-697d.
— Preacher **23**-8d.
— Segnatura **19**-407b.
— Succession **2**-120d, **5**-678d.
— Visitors (R.C.) **23**-8b.
Apostolico, Palazzo **14**-394d.
Apostolicum: *see* Apostles' Creed.
APOSTOLIUS, M. **2**-124c.
APOSTROPHE **2**-124c; **18**-768b.
Apostrophia: *see* Aphrodite.
APOTACTITES (APOTACTICI) **2**-124c.
Apothecaries', isl., U.S.S.R. **13**-915b.
—, garden, Eng. **13**-664d.
— Society (Lond.) **2**-124c fol.
APOTHECARY **2**-124c.
Apothecia **14**-31b; **9**-931d.
Apothegm: *see* Apophthegm.
APOTHEOSIS **2**-125a; **18**-650c.
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Apoxsee, Fla. [**24**-115 H4].
Apoxypoda **2**-204c.
Apozai, India [**24**-65 B2].
Appalachia, Va. [**24**-110 B4].
Appalachia (geol.) **22**-724a.
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— Scenic Highway (U.S.) map **11**-552.
— State Normal school (N.C.) **16**-522c.
— tea: *see* Inkberry.
—**WAY** (U.S.) **2**-126c.
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— time **7**-312b; **8**-664d.
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APPARITIONS **2**-127a; **11**-109a fol.: *see also* Hauntings.
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— Criminal Court of: *see* Criminal Appeal, Court of.
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— Jurisdiction Act (1876, Eng.) **2**-131c; **6**-603d; **18**-524d; **15**-42b.
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APPENZELL, Switz. [**24**-31 G2]; **2**-136d.
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—, Adolphia **21**-287d.
Appia (aqueduct, It.) **2**-160b.
APPIA, VIA (Rom. rd.) **2**-137b; **19**-340a; **12**-789a; **4**-284a; Pl. II. fig. 4 **19**-ROME; Apulia **2**-153c; Campania **4**-674a; columbarium **6**-75d; construction **4**-822c; **19**-481c; Fondi **9**-449d; repairings **18**-205b.
APPIAN (Alexandria) **2**-137d.
Appian (ed. N.T.) **3**-737c.
APPIANI, ANDREA (the elder) **2**-137d.
—, Andrea (the younger) **2**-138a.
—, Francesco **2**-138a.
—, Niccolo **2**-138a.
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—, O. [**24**-125 C4].
—, isl., Mich. **18**-209d.
—, isl., Que. [**24**-89 D1].
—, mts., (Sib.) U.S.S.R.: *see* Yablonoi.
—, riv., Wis. [**24**-132 A4].
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Apple blossom weevil **6**-5a; **6**-7b.
Appleby, F. (athlete) **19**-666a.
—, F. (sci.) **15**-624d.
—, J. F. (Eng. inv.) **19**-7b.
APPLEBY, Westm., Eng. [**24**-13 B3; **24**-10 D2]; **2**-140a; castle **10**-748d.
—, N.Z. [**24**-173 D4].
—, S.Dak. [**24**-137 G3].
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— cedar rust **9**-886c.
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— Creek, riv., Ill. [**24**-129 B4].
Applecross, Scot. [**24**-18 C4].
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Appledore, Eng. [**24**-17 B3].
—, Kent, Eng. [**24**-15 D4].
Applegarth, A. **18**-500d.
—, **ROBERT** **2**-140b.
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Applegate, Mich. [**24**-131 J6].
—, Oreg. [**24**-151 B5].
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— Grove, Va. [**24**-110 G3].
— Hill, Ont. [**24**-90 E2].
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Apple rose **19**-554a.
— sawfly **2**-138d.
— scab **9**-886c; **18**-38c.
— scale figs. 12 and 13 **11**-419.
Apple Springs, Tex. [**24**-123 G4].
Apple-sucker **11**-418a.
Apples, Isle of (myth.): *see* Avalon.
Apples, Switz. [**24**-30 A3].
Apples of Sodom **2**-138d.
Appleton, E. V. **18**-576a.
—, **NATHAN** **2**-140c, **14**-144a.
—, Samuel **2**-140c.
—, Thomas G. **2**-140d.
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—, Me. [**24**-96 C4].
—, Minn. [**24**-135 B6].
—, N.Y. [**24**-102 B2]
—, O. [**24**-124 C3].
—, S.C [**24**-113 C3].
—, Tenn. [**24**-117 D2].
APPLETON, Wis. [**24**-133 E5]; **2**-140c; **23**-679a; **8**-279c.
— City, Mo. [**24**-140 C3].
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Applied Mechanics: *see* Power Transmission.
— **PSYCHOLOGY** **2**-140d.
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—, Ga. [**24**-114 D3].
Appliqué (lace) **16**-191b; **6**-514b; **13**-568c.
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Appoigny, Fr. [**24**-25 J4].
APPOINTMENT, POWER OF **2**-142d.
Appold, J. G. **7**-813c.
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Appomattox, Va. [**24**-110 F3]; civil war map **1**-756.
—, riv., Va. [**24**-110 F3]; **17**-651b.
— **COURT HOUSE**, Va. **2**-143b; **17**-653a fol., McLean's house il. **2**-143.
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APPONYI, ALBERT, count **2**-143c; **15**-571d.
Apponyi, György, count **2**-143c.
Apport **21**-248c.
APPORTIONMENT **2**-143d.
— Act (1870, Eng.) **2**-144a.
— **BILL** (U.S.) **2**-144c.
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Appreciations, etc. (Pater) **17**-374c.
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APPROACH (mil.) **2**-148c; trench **9**-536c; fig. 15 **9**-538.
Approaching (golf) **10**-503c.
APPROPRIATION **2**-148c; **2**-148d; **19**-874c.
— bills (U.S.) **4**-335a.
— of profits ac. **3**-866b.
APPROPRIATIONS IN AID **2**-148d.
APPROVED SOCIETIES (Ins.) **2**-148d; **16**-147b; *see also* Benefit Societies.
Apps, A. **12**-273a.
—, Ben C. **6**-751c.
APPURTENANCES (law) **2**-149a.
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Apr. (abbrev.) **1**-23b.
Apra, Guam, **10**-929c.
Apraksin, Stephen **3**-479a.
—, **THEDOR, M.** **2**-149a.
Apraksina, Martha **22**-57c.
Apremont, Fr. [**24**-25 L2].
"Après-midi d'un Faune, L'" (paint.) (Janin) Pl. IV. fig. 7 **15**-MURAL PAINTING.
Après-midi d'un faune, 'L **7**-119a; **14**-727d.
Aprica pass, Alps, It. **22**-959a.
APRICOT **2**-149b; **4**-750b; **2**-149b; orchard (Calif.) Pl. II. fig. 3 **9**-FRUIT FARMING; prod. U.S. **9**-884c, d; var. U.S. **9**-885b.
APRIES (Egy. k.) **2**-149c; **17**-767d; **8**-76a.
APRIL **2**-149c.
APRIL-FOOLS' DAY **2**-149d.
A priori (logic) **15**-493b fol.
— **AND A POSTERIORI** **2**-149d; **2**-150a.
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— (arch.) **2**-150b.
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APSARAS (myth.) **2**-150c; **11**-578a; **10**-14d; **7**-20d.
APSE (arch.) **2**-150c; **3**-175c; il. **2**-150; *see also* Bema.
APSE AND APSIDES (mech.) **2**-151b.
Apsheron, penin., Azerbaijan, U.S.S.R. [**24**-59 N2]; **4**-969a.
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APSIDIOLE (arch.) **2**-151b.
APSINES (of Gadara) **2**-151b.
Apsley, Austr. [**24**-170 E6].
—, Tas. [**24**-171 H9].
Apsû (Babyl. deity) **6**-651d.
—, king Babyl. **7**-822a.
APT, Fr. [**24**-27 J4]; **2**-151c.
—, Ark. [**24**-120 E2].
Apta Iulia, Fr.: *see* Apt.
Aptenodytes fosteri: *see* Emperor penguin; longirostris: *see* King penguin.
Apterium (biol.) **9**-130c.
APTERYGOTA (insects) **2**-151d; **21**-266d; **4**-686d; **12**-417c; figs. 1, 2 **2**-151-2.
APTERYX (bird) **2**-152d; **8**-26d; **9**-131a, *see also* Kiwi.
— australis **13**-423a.
— mantelli **13**-423a.
— oweni **13**-423a.
Apthorp, N.H. [**24**-97 C2]; *see also* Littleton.
Aptian strata **6**-672, 673.
Aptitude (psych.) **1**-47b.
Apu (Egy.): *see* Akhmim.
Apuane, Alpi, mts., It.: *see* Alpi Apuane.
Apuani (anc. people) **2**-94d.
Apucarana, mts., Braz. [**24**-163 B7; **24**-165 F1].
Apuleia ferrea **12**-683c.
APULEIUS, LUCIUS (Rom. philos.) **2**-152d; **5**-776b; **13**-753b **20**-5c.
Apuli (It. tribe) **2**-153b.
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—, **JONATHAN O.** **2**-387d.
—, **PHILIP D.** **2**-387d.
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—, N.C. [**24**-112 G3].
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—, co., Tex. [**24**-122 D2].
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—, Ches., Eng. **5**-423d.
Asté, Jean Hilaire **16**-806d.
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ASTHENIA (med.) **2**-571d.
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ASTHMA (disease) **2**-571d; **15**-186b; **19**-228b; adrenalin **1**-179c; atropine treatment **2**-655d; during allergy **1**-650c; eczema **7**-945a; diathermic treatment **8**-343a; morphine **15**-821c; potassium **18**-326a; "suprarenal extrail" **21**-586b.
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Astilbe japonica **20**-30d.
ASTLEY, JACOB ASTLEY, baron (Eng. gen.) **2**-572c; **10**-735c; **10**-748b.
—, **SIR JOHN D.** **2**-572c.
—, John (Eng. act.) **20**-500d.
—, Philip **5**-722a.
— (castle, Warwick., Eng.) **23**-379a.
— Hall (Eng.) **5**-623d.
ASTON, FRANCIS WILLIAM (Brit. sci.) **2**-572c; **8**-260b fol.; **8**-263a; atoms **2**-642c; **5**-360c; **8**-347d; atomic weights **20**-120d; argon **2**-333b; electron **8**-337b; positive rays **8**-195c; **18**-300d.
—, **HUGH** (Eng. mus.) **2**-572d.
—, James **12**-655d.
—, Que., Can. [**24**-89 B3].
—, Yorks., Eng. [**24**-14 B2].
— Clinton, Eng. [**24**-15 C4].
— Cross, Eng. [**24**-15 A3].
— -in-Makerfield, Lancs., — **MANOR,** dist., Birmingham, Eng. **2**-572d.
— (arms) fig. 3 **11**-461.
— Rowant, Oxon., Eng. [**24**-15 C4].
— -sub-Edge, Eng. [**24**-15 B3].
ASTOR, JOHN JACOB (Brit. publ., pol., sol.) **2**-572d.
—, **JOHN JACOB,** (Am. mer.) **2**-573a; **23**-390d.
—, **NANCY WITCHER,** viscountess (Brit.pol.) **2**-573b.
—, **WALDORF ASTOR,** 2nd viscount (Brit.pol.) **2**-573c.
—, William Waldorf Astor, 1st viscount **2**-573a.
—, William Backhouse (Am. philan.) **2**-573a.
—, India [**24**-65 C1].
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—, Wis. **10**-854b.
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—, Henry **2**-839c.
—, W. **23**-235a.
Babingtonite (min.) **18**-801a.
Babington-Smith committee **19**-668b.
BABIRUSA (zool.) **2**-840a; **4**-449b; *see also* Pig-deer.
Babisa, tribal land, N. Rhod. [**24**-83 F5].
Babool (bark) **1**-80a fol.; fig. 1 **13**-881.
BABOON (monkey) **2**-840a; **18**-488b; **4**-449b; **14**-795b; Egyptian religion **8**-50c; *see also* Chacma and Drill.
Baboquivari, val., Ariz. **2**-360b.
Babor, mt., Alg. **2**-638d; **3**-959d.
Babriawar, dist., Ind. **13**-295b.
BABRIUS (Gr. au.) **2**-840b; **9**-21b; **1**-263c.
Babstadt, Ger. [**24**-38 E4].
BABU (Ind. clerk) **2**-840c.
Babugarh, India **11**-167a.
Babu-ji (Ind. title) **2**-840c.
Babul (tree) **20**-707b.
— (bark): *see* Babool.
Babuna (people) **18**-374a. C4].
Babunda, Bel. Cong. [**24**-82
Ba-Bundo (people): *see* Mbunda.
Babur (Indian emp.) **1**-288c; **12**-189b fol.
Babuyanes, isl., P.I. [**24**-73 B2]; **17**-725b.
Baby, Louis F. G. (Canadian judge) **15**-771b.
Baby: *see* Infancy.
— Austin engine **12**-508a.
— **BLUE EYES** (plant) **2**-840c; **16**-211c.
— **BOND** (U.S. fin.) **2**-840c.
— -carriers **22**-414b.
— chick industry U.S. **18**-380d.
— **FARMING** **2**-840c; **5**-471c.
BABYLON, Asia **2**-841b; map **15**-288; **19**-501 (L5); archae. **15**-290c; astronomy **2**-582b; brick-work **4**-111c; **4**-118a; excavations **2**-855a; location **4**-537c.
—: *History:* **17**-126a; **11**-135b; Alexander the Great **14**-567d; Babyl. empire **2**-851d; Cyrus the Great **6**-940a; Pers. rule **17**-569c; Nebuchadrezzar II. **2**-857b; St. Peter **17**-643a; Sennacherib **2**-856d; **20**-329d; siege (641 A.D.) **8**-78c.
—, Ill. [**24**-128 B3].
—, N.Y. [**24**-102 G5].
—, Rom. fort., Cairo, Egy. **1**-850d; **4**-536b.
—, ruins, 'Iraq. [**24**-61 B3].
— II., Mesop.: *see* Borsippa.
BABYLONIA AND ASSYRIA **2**-842c; astrology **2**-575c; **2**-860c; astronomy **7**-913d; **16**-670d; chronology **3**-511a; **4**-576b; **5**-655a fol.; communication **22**-369e; cultural influence on other countries **2**-854b; divorce **7**-453b; dress **7**-650c; ethical documents **6**-159d; geometry **10**-178b; hepatoscopy **11**-451c; law: *see* Babylonian law; literature **10**-350b; med. **2**-860a; polygyny **18**-186d; woman **6**-159d.
BABYLONIA AND ASsyria: *Archaeology:* **2**-843a; **2**-851d fol.; Agade period **2**-845c; Amarna tablets **1**-728c; cuneiform numerals **16**-611b; Indus val. culture **12**-211d.
—: *Art and Architecture:* **23**-525c; Assyrian gateway (reconstruction) Pl. X. **2**-ARCHITECTURE; Egyptian art **8**-45b; enamel **8**-416d fol.; gem engraving **10**-97d; ivory carving **12**-837d; vaults **23**-16d.
—: *History:* **2**-855c; **2**-529d; Amorite dynasty **1**-829d; **2**-847c; Book of Daniel **7**-28c; Cyprus **6**-932d; Cyrus the Great **6**-940b; Egyptian war **8**-75d; Gilead **10**-349d; Hellenism **11**-406a; Hittites **11**-599b; Mesopotamia **15**-296a; Phoenicia **17**-767a; Rom. Emp. map **19**-501 (M5); Seleucid era **2**-852d; Ur dynasties **2**-847b; Xerxes I. **23**-838a.
BABYLONIAN AND ASSYRian Religion **2**-857c; **2**-852b; altars **1**-705c; Anu **2**-89c; Bel **2**-834c; Belit **3**-370a; Deluge story **7**-176a; demonology **2**-859b; divination **2**-860a; Ea **7**-821c; festivals **2**-861b; **19**-788d; liturgies **2**-859a; Marduk **14**-872c; Nebo **16**-180a; penitential psalms **2**-859b; philosophy **2**-860d; priest **18**-479c; Seleucid era **2**-853a; Tammuz **21**-776d; development **19**-107d; *see also* Babylonia and Assyria.
— **CAPTIVITY** **2**-861d; *see also* Jews.
— (of church) **5**-794b; **12**-794a; exile **17**-206a.
— Job (lit.) **13**-76b.
— language: *see* Assyrian language.
— **LAW** **2**-862a; Assyrian law **2**-864d; capital punishment **4**-809d; Hammurabi **2**-862b; Hittite **2**-865d; Shulgi **2**-847a; trial il. **2**-862.
— numerals **16**-611c.
Babylonians: *see* Babylonia and Assyria: *see also* Chaldaeans.
— Semitic (lang.): *see* Akkadian.
Babylonians, The (Aristophanes) **2**-349a.
Babylonian Talmud **21**-810c.
Babylonicus Petropolitanus, Codex (O. T. ms.) **3**-504d.
Baby orchid (plant) **16**-707c
Baby's-breath (plant): *see* Grape-hyacinth.
Baby spot (lamp) **15**-868b.
Bab-Zuwela (gate, Cairo, Egy.) **4**-537a.
Bac, Ariz. **2**-363a, c.
Bacabal, Braz. [**24**-163 A4].
Bacadehuachi, Mex. [**24**-158 C2].
Bacalar, Mex. [**24**-159 G4].
Bacalieu, isl., Nfd. [**24**-93 D2].
Bacanga, est., Braz. **19**-983c.
BACAU, Rum. [**24**-53 D2]; **2**-866c; **9**-274b.
Bacca (bowl): *see* Basin.
Baccalarius: *see* Bachelor.
— cursor (degree) **2**-876d.
— dispositus **2**-876d.
Baccalauréat (Fr.) **7**-999a.
Baccalaureate (univ. degree): *see* Bachelor.
Baccalaureus (degree) **7**-976c; *see also* Bachelor.
Baccarat, Fr. [**24**-25 M3].
BACCARAT (game) **2**-866c.
— banque (game) **2**-867a.
BACCELLI, GUIDO **2**-867a.
Bacchae (Gr. myth.): *see* Maenads.
BACCHANALIA **2**-867b.
Bacchanalibus, Senatus consultum de (Rom.) **2**-867b.
Baccharis halimifolia (shrub): *see* Groundsel.
Bacchelli, R. **12**-749b.
BACCHIADAE (anc. Gr. fam.) **2**-867b; **6**-935b.
Bacchinus (vessel): *see* Basin.
Bacchius (verse) **23**-96a.
Bacchus (Gr. god) **7**-398b.
— (Rom. god): *see* Dionysus.
—, Utah [**24**-152 B2].
— bank, Ind.O. **20**-937a.
— Marsh, Austr. [**24**-171 G6].
BACCHYLIDES (Gr. poet) **2**-867b; **16**-702a.
Bacciarelli (paint.) **23**-373c.
Baccinum undatum (zool.) fig. 26 **10**-65.
Baccinus (vessel): *see* Basin.
Baccio, Giuliano di **2**-868d.
Bacciochi, Marianne Elisa: *see* Bonaparte, Marianne Elisa.
BACCIO D'AGNOLO (art.) **2**-868c; **18**-98b.
Bacconius, (Carmelite monk): *see* Baconthorpe, John.
Bacdiocchi, Felice **14**-457d.
Bacerac, Mex. [**24**-158 C1].
Bach, C.P.E. **20**-987d.
—, Johann C. **2**-875c; **1**-32c; **6**-199a; **17**-897d; **20**-978d.
—, **JOHANN SEBASTIAN** **2**-868d; Pl. I. fig. 3 **16**-MUSIC; **2**-873b; **16**-10d fol.; **21**-251c; Bethlehem Bach festival **5**-623a; Brit. choral societies **5**-622a; cantatas **4**-764b; chamber music **5**-208d fol.; concerto **6**-198c; *Das Wohltemperirte Klavier*, il. **15**-227; equal temperament tuning **17**-893a fol.; extemporization **8**-999a; fantasias **9**-69b; favoured clavichord **5**-783b; fugue **9**-904; **9**-905c; **9**-906; **6**-347c; harmonic characteristics **11**-209c; instrumentation **12**-429c fol.; Lubeck festival **9**-201b; lute **14**-490d; Mass **15**-25a; overture **16**-976c; passions **16**-843d; Sarabands **19**-987d;

sonatas **20**-977a fol.; tomb **13**-894b; variations **22**-990a; Wesley **23**-518d.
BACH, KARL PHILIPP Emanuel **2**-875a; **2**-869d; concerto **6**-199a; oratorios **16**-844c; sonata form **20**-977d, style **16**-11a; variations **22**-990b.
—, Wilhelm Friedemann **2**-869d; **2**-875b.
—, Mich. [**24**-131 H6].
Bachan, isl., Mal. Arch.: *see* Bachian, isl.
Bach and Abel concerts **1**-32c; **20**-978d.
BACHARACH, YAIR (Ger. rabbi) **2**-875d.
BACHARACH, Ger. [**24**-38 C3]; **2**-875d.
BACHAUMONT, LOUIS PETit De **2**-875d; **7**-324a.
BACH CHOIR, Bethlehem, Pa. **2**-876a.
—, **CHOIR,** London **2**-875d.
BACHE, ALEXANDER DALlas **2**-876a.
—, **FRANCIS E.** **2**-876a.
—, **FRANKLIN** **2**-876b.
—, **HARTMAN** **2**-876b.
—, Walter **2**-876b.
—, penin., Ellesmere Isl. map **2**-295 (D2).
Bachelier, J. J. **8**-421b; **18**-352a.
BACHELLER, IRVING ADdison **2**-876c.
Bachelor (eccl.) **2**-876c.
— (knight): *see* Knight bachelor.
— (trade guild) **2**-876d.
— (univ. degree) **2**-876c.
BACHELOR **2**-876c.
—, Mo. [**24**-141 F3].
—, mt., Oreg. **16**-883a.
— of Arts **22**-875a.
— of Commerce **6**-113b.
— of Letters **22**-875a.
— of Philosophy **22**-875a.
— of Science **22**-875a.
Bachelors', The (Eng. club) **5**-859d.
Bachelor's button (plant): *see* Cornflower.
— gown (U.S.) **19**-355a.
— Tax (It.) **12**-141a.
Bacher Gebirge, mts., Yugos. [**24**-52 B1].
Bachet (math.) **14**-628b.
Bache Tier, Jean-Jacques **18**-351d.
Bach festival, Bethlehem, Pa. **3**-481d.
—**-GESELLSCHAFT** (Ger.) **2**-877a; **2**-870a; **2**-874c.
Bachia (lizard) **14**-246d.
Bachian, Bachian I., Mal. Arch. [**24**-72 G4]; **2**-877b.
BACHIAN (Batjan), isl., Mal. Arch. **2**-877a; **11**-110a; **15**-682a.
Bachiru (carving) **12**-842c.
Bachman, John **2**-676b.
Bachmann (instru. maker) **5**-763b.
Bachnagairn, falls, Scot. **9**-507c.
Bachofen, J. J. **13**-202b; **21**-672c.
BaChopi (Af. tribe) **18**-285c.
Bachs, Switz. [**24**-31 E1].
Bach Society, London **2**-876a.
— System (law) **11**-910a.
Bachtel, mt., Switz. [**24**-31 F2].
Bachu (gen.): *see* Baiju.
Bachur (pseud.): *see* Elias Levita.
Bachus, N.Y. [**24**-103 E1].
Bachyn, Minn. [**24**-135 C7].
Bacikounou, Fr. W. Af. [**24**-80 C2].
BACILLARIALES (DIatoms) (morphol.) **2**-877c: *see also* Diatoms.
Bacillary dysentery (med.) **7**-817d; carriers **4**-931d.
— White Diarrhoea **23**-115d.
BACILLUS (bacteria) **2**-879d; plate-culture bacteria, fig. 7 **2**-904.
— abortivo-equinus **1**-58c.
— acidificans longissimus **21**-243d.
— acidi lactici **2**-905c.
— acidophilus odontolyticus **15**-184d.
— acnes **1**-126d.
— aertrycke **9**-457b.
— alvei **3**-311b.
— amylovorus **18**-37d.
— anthracis **7**-26d; **2**-40b; **2**-901d; spore fig. 5B **2**-904.
— atrosepticus Pl. I. fig. 5 **2**-BACTERIOLOGY.
—avisepticus **23**-116a.
— botulinus **15**-185a.
— botulinus anti-serum **20**-374a.
Bacillus bulgaricus **2**-905c.
— butyricus **2**-905d.
— carotovorus **18**-38a.
— cereus fig. 11 **2**-906.
— chauveii **23**-115b.
— coli **2**-896a; **2**-898b; **23**-426b.
— cyanogenus fig. 8 **2**-905.
— Delbrücki **4**-102d.
— dysenteriae **2**-898b; **7**-817d fol.
— Enteritidis **5**-616c; **9**-457b.
— influenzae **12**-348d.
— lactis aerogenes **2**-896a.
— lactorubefaciens bacteria fig. 8 **2**-905.
— larvae **3**-311c.
— leprae **13**-957b.
— mallei **10**-391c.
— megatherium **2**-902 fol.
— methanicus **2**-903b.
— mycoides **2**-902b fol.
— oedematiens **2**-893d.
— oedematis maligni **2**-893d.
— oligocarbophilus **2**-903b.
— paratyphosus **8**-619c; **2**-898b.
— perfringens **2**-893d.
— pestis **17**-993b.
— phytophthorans **18**-328b.
— pluton **3**-311b.
— pneumoniae **18**-100b.
— proteus Pl. I. fig. 21 **2**-BACTERIOLOGY.
— pullorum **23**-115d.
— pyocyaneus Pl. III. fig. 2 **2**-BACTERIOLOGY.
— radicicola **20**-932a.
— solanacearum **18**-37d.
— subtilis fig. 1 **2**-900; spore formation fig. 5A **2**-904.
— suipestifer **21**-670b; **9**-457b.
— tetani **22**-72b.
— tracheiphilus **18**-37d.
— tuberculosis **15**-249c; lupus **14**-487c.
— tularense, **2**-893c.
— typhosus **2**-898b; Enteric fever **8**-619c; typhoid fever **22**-646a; typhoid inoculation **22**-72a.
— vulgaris fig. 1 **2**-900.
— welchii **2**-893d; anti-serum **20**-374a.
Bacin (vessel): *see* Basin.
Bacinet (armour): *see* Basinet.
Baciocchi, Felice **12**-800c.
BACK, SIR GEORGE **2**-880a; **2**-294a.
—, bay, India **3**-830a.
—, riv., Can. [**24**-187 E2].
— (anat.) **1**-882d.
— (football) **9**-470c; **9**-486b.
Bačka, dist., Eur. **23**-916d.
Back-acting trencher **21**-367a.
—-angle **5**-303c.
—-band (harness) **19**-805a.
Backbarrow, Eng. **3**-148c.
Back Bay, Va. [**24**-110 H4].
— Bay, dist., Mass. **3**-932d.
Back-block schools, N.Z. **4**-198d.
BACK-BOND (law) **2**-880a.
Backbone, mt., Md. **15**-2c.
—, mts., W.Va. [**24**-111 D2].
BACKBONE: see Skeleton; Anatomy.
BACK-CHOIR (retro-choir) **2**-880a.
—-drop (stage) **21**-288b.
Backed (weaving) **23**-456d.
Backer, J. de **3**-821d.
BACKERGUNGE, dist., India **2**-880b.
Backers, Americus **17**-897d.
Backfield (Am. football) **9**-486a.
Backford, Eng. [**24**-16 D1; **24**-13 B4].
Back-formation (etymology) **17**-988a.
BACKGAMMON (game) **2**-880c.
Background (paint) **13**-669d; **18**-269b.
— noise (radio) **4**-216a.
Backhand (tennis) **13**-790a.
Backhouse (fam.) **3**-106c.
BACKHUYSEN, LUDOLF **2**-882a.
Backing up (baseball) **3**-166a.
Back-letter (Scot. law): *see* Back-bond.
Backlund, Oscar **16**-674c.
BACKNANG, Ger. [**24**-38 E5]; **2**-882a.
Backoo, N.Dak. [**24**-136 G1].
Bačkovo (Bulg.) **21**-313a.
Back-palming (conjuring) **6**-263b.
Back picks (weaving) **9**-956d.
Backplate (armour) il. **2**-394d.
Back-pressure engine **8**-964a.
Backrun valve fig. 11 **10**-51.
BACKSCRATCHER **2**-882a.
Backspin (golf) **10**-503c.
BACK'S RIVER, riv., Can. **2**-882b.
Backstairs, passage, Austr. [**24**-170 D5].
Backstitching **11**-703c.
Backstop (baseball) **3**-166a.
Back-stroke (bell-ringing) **3**-374d.
Back Stroke **21**-664d.
Backus, Minn. [**24**-134 D5].
—, Pa. [**24**-106 C2].
Back voltage (phys.): *see* Counter electro motive force.
BACKWARDATION (fin.) **2**-882b; **21**-421b; **4**-933d: *see also* Stock Exchange.
BACKWARD CHILDREN **2**-882b.
Back-washing (mfr.) **23**-794d.
Backyard garden il. **13**-668.
Bac-lieu, Fr. I.C. [**24**-71 C4].
Bac-ninh, Fr. I.C. [**24**-71 C1].
Baco, John (monk): *see* Baconthorpe, John.
Bacoachic, Mex. [**24**-158 C1].
Bacoli, H. **2**-933c.
BACOLOD, P.I. **2**-883b.
Bacolor, P.I. [**24**-73 B2].
Bacon (chemist) **5**-406c.
Bacon, Benjamin W. **14**-910c.
BACON, FRANCIS, baron Verulam, viscount St. Albans **2**-883b; **2**-884c; **17**-751b; **12**-71a; **2**-884b; astrology **2**-577a; Robert Boyle **3**-994c; Brackley **3**-1004a; Buckingham **4**-316a; camera obscura **4**-660b; Coke **5**-981a fol.; condemnation **8**-519c; cryptography **6**-807c; Descartes **7**-248a; R. Devereux **8**-722d fol.; essays **8**-716c; Gilbert **14**-638d; heat **8**-438c; King's counsel **3**-143c; landscape arch. **13**-664b; logic **14**-323c; *Misfortunes of Arthur* **11**-867a; museums **15**-1001d; *New Atlantis* **22**-915b; philosophy **2**-886b; psycho research **18**-709b; method **23**-227a; rhetoric **19**-248b; science **20**-121c; **19**-133c; Shakespeare **20**-447d; style **8**-585a; Vico **23**-121c; works **2**-884c: *see also* Baconian method.
—, **HENRY** **2**-887d; Pl. figs. 4, 11 **14**-LINCOLN.
—, Sir Hickman **3**-132a.
—, J. H. **15**-624d.
—, **JOHN** (sculp.) **2**-887d.
—, John (Carmelite monk): *see* Baconthorpe, John.
—, **LEONARD** **2**-888a.
BACON, NATHANIEL (sol.) **2**-888c; **23**-188a.
—, **SIR NICHOLAS** **2**-888c.
—, Sir Reginald **3**-341c; **23**-785d.
BACON, ROBERT **2**-889a.
BACON, ROGER **2**-889a; camera **17**-800b; Charles I. **5**-266b; Clement IV. **5**-794b; diving **7**-445c; diving-bell **7**-449b; form **9**-512d; gunpowder **8**-986d **11**-3b; lifespan **14**-376d; optics **4**-658d; Peregrinus **14**-637d; science **7**-976b; **19**-124a; spectacles **21**-177d; theology **19**-33c; William of Rubruquis **19**-615b.
Bacon, Ind. [**24**-127 B4].
—, Wash. [**24**-150 F3].
—, co., Ga. [**24**-114 D5].
—, isl., Fiji Is. [**24**-176 G4].
—, volcano, P.I. [**24**-73 B4].
BACON (meat) **2**-890c; fig. 2 **6**-368; food value **2**-892b; **7**-357b; fat **9**-117c.
Bacona, Oreg. [**24**-151 B2].
Baconao, riv., Cu. **6**-833c.
BACONIAN METHOD (philos.) **2**-892c.
Bacons, Del. [**24**-109 D2].
— Castle, Va. [**24**-110 H3; **15**-636b.
— Neck, N.J. [**24**-105 A3].
Bacon's Rebellion (1676) **2**-888c.
BACONTHORPE (BACON, Baco, Bacconius), John **2**-892c.
Bacori (tree) **1**-734c.
Bacot, Jacques **22**-185d.
Bacot (entom.) **15**-185b.
Bacot (bact.) **17**-994b.
Bacqueville, Fr. [**24**-24 F2].
BAČSANYI, JANOS **2**-892d.
BACTERIA AND DISEASE **2**-892d; animal experimentation **1**-970b; **2**-78d; abcess **1**-63d; **3**-590d; cells **8**-918d; viruses **9**-237d; **9**-457a: food **9**-458a fol.; forest **9**-501b; immunization **12**-113d; milk **15**-487c; nitrogen **16**-470d; palaeobotany **17**-72b; phosphorescence **17**-779d; plants **18**-1c; **18**-37d; sand **23**-425c; soil **20**-930c; skin **20**-754c; van Leeuwenhoek **1**-48c; ventilation **11**-350c; water **23**-406d.
Bacterial flora **7**-382b.
— infection **2**-896b.
— irritant (path.) **12**-343d.
Bacteriological incubator **12**-143b.
BACTERIOLOGY (med.) **2**-899c; animal experimentation **1**-970b; cancer **4**-734d; Cohn **5**-979a; colds **5**-990b; developments **15**-196a: leucocytes **12**-115c; research **15**-184b; **15**-447b, technique **2**-901c.
BACTERIOLOGY IN INDUStry **2**-909c.
Bacteriolysin **20**-373c; **2**-899b.
Bacteriolysis (bac.): *see* Lysogenesis.
Bacteriophage (bac.) **2**-898b; **15**-196a; **15**-185b.
Bacteriophagum intestinale **2**-898b.
Bacterio-purpurin **3**-590d.
Bacterium angulatum **18**-38a.
— pneumosintes **12**-349a; **5**-990d.
— radicicola **2**-908a.
— rubescens: *see* Beggiatoa roseo-persicina; Zoogloea.
Bacterium tabaci **18**-38a.
Bacterium tularense **22**-538d.
Bacterium vermiforme fig. 10 **2**-906.
Bacterium whitmori **15**-196a.
Bacteroid **2**-908b.
Bactra, Bactria **2**-911a.
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BELL-METAL (alloy) 3-384d; bronze 4-240a; ornamental vessels 4-249d; comp. 3-373c.
Bellmore, Ind. [24-126 A3].
Bello (Sultan) 20-936b.
BELLO, ANDRES 3-384d; 5-494d; 21-149d.
Bello, Francesco 8-647b; 12-742c.
Belloc, Bessie R. P. 23-710a.
BELLOC, JOSEPH HILAIRE Pierre 3-385a; 8-599d; 8-600c; 18-111c fol.
Bello civili, De (Caesar) 4-525b.
Bello civili, De (Cicero) 5-697b.
BELLO-HORIZONTE, Braz. [24-164 B5]; 3-385b; pop. 4-51d.
Bello Judaico et excidio ubis Hierosolymitanae, De (Hegesippus) 11-385b.
BELLOMONT (fam.): *see* Beaumont.
BELLONA (goddess) 3-385b.
Bellonarii (priests) 3-385c.
Belloram, Nfd. [24-93 C3].
Bello Saxonico, De 10-309d.
BELLOT, JOSEPH RENE 3-385c; 2-294d.
— rules 13-801a.
Bellot, str., Can. 2-294d; 3-385c.
Bellota, Calif. [24-154 C3].
Bell o' the Brae (battle) 10-397d.
Bello trojano, De (Josef of Exeter) 22-505b.
Bellotto, Barnardo 4-719c.
BELLOWS, ALBERT F. 3-385c.
—, **GEORGE WESLEY** 3-385d; cartoon Pl. II. fig. 1 4-

CARTOON; "Emma and Her Children" Pl. XXII. fig. 7 **17**-PAINTING; **17**-64 Ca.
Bellows (camera) **17**-800a.
BELLOWS (mech.) **3**-385d; *see also* Fan.
— **FALLS**, Vt. [**24**-97 B3]; **3**-386c.
BELLOY, DORMONT DE **3**-386c.
BELL PITS (mining) **3**-386d
— Ranch, N. Mex. [**24**-148 E3].
— **ROCK (INCHCAPE Rock)**, North Sea **3**-386d.
—, lighthouse. Scot. [**24**-12 B1; **24**-18 F5]; fig. 3 **14**-88; **14**-88d; **21**-401d.
Bell Rock, The (Turner) **15**-498a.
— Run, Pa. [**24**-106 C2].
Bells, Tenn. [**24**-117 B2].
—, Tex. [**24**-123 F3].
Bells, The (Erckmann-Chatrian) **7**-606d.
Bell-shaped corolla (bot.): *see* Campanulate corolla.
Bellshill, Eng. [**24**-12 C2].
Bells Landing, Pa. [**24**-106 C3].
Bell's palsy (med.): *see* Peripheral facial paralysis.
Bells Valley, Va. [**24**-110 E2].
Bell-Sweet system (lang.) **18**-579b.
— Telephone Company **1**-804b; history **21**-895a; research **19**-206b; **21**-895c.
Bell-the-Cat (nick.): *see* Angus, Archibald Douglas, 5th earl of.
Bell tower: *see* Campanile.
Belltown, Tenn. [**24**-117 G2].
Bell-turret: *see* Bellcot.
Bellum Histricum (Hostius) **11**-796a.
Bellum inexpiabile (Carthage) **4**-946b.
Bellum punicum (Naevius) **16**-58b; **20**-9d.
Bellum Quadrum (castle) **3**-269d.
Belluno, Claude Victor-Perrin, duke of: *see* Victor-Perrin, Claude.
—, dept., It. **12**-761a.
BELLUNO, It. **3**-387a.
Bellview, N. Mex. [**24**-148 F4].
Bellville, O. [**24**-124 C3].
—, Ont., Can. [**24**-90 D2].
—, Wis. [**24**-133 D7].
—, pond, R.I. [**24**-100 C3].
Bellvue, Colo. [**24**-147 E1].
Bellwood, Ala. [**24**-118 D4].
—, La. [**24**-121 A2].
—, Neb. [**24**-139 G3].
—, Pa. [**24**-106 C3].
BELLWORT (plants) **3**-387a.
Belly, riv., Can. [**24**-91 C4].
Belly (basketry) **3**-181a.
Belmar, N. Dak. [**24**-136 D1].
—, N.J. [**24**-105 B2].
—, Pa. [**24**-106 B2].
Bel-Marduk (myth.) **17**-568c.
Belmez, Sp. [**24**-32 D3]; **6**-428a.
Belmnites (fossil) **17**-107d.
Belmond, Ia. [**24**-138 D2].
BELMONT, AUGUST (elder) **3**-387a; **21**-371d.
Belmont, August (younger) **3**-387b.
BELMONT (fam.): *see* Beaumont.
—, Mrs. Oliver H. P. **23**-712d.
—, Perry **3**-387b.
—, Ont., Can. [**24**-90 B3].
—, co., O. [**24**-125 D3].
—, Aveyron, Fr. [**24**-26 F4].
—, Loire, Fr. [**24**-27 H1].
—, Lancs., Eng. [**24**-13 B4].
—, Fla. [**24**-115 F1].
—, Ga. [**24**-114 C2].
—, Ida [**24**-145 B2].
—, Ill. [**24**-129 E5].
—, Kan. [**24**-142 D4].
—, Ky. [**24**-116 E3].
—, La. [**24**-121 A2].
BELMONT, Mass. [**24**-99 C1]; **3**-387b.
—, Me. [**24**-96 C4].
—, Miss. [**24**-119 D1].
—, Mont. [**24**-144 D2].
—, N.C. [**24**-112 D2].
—, Neb. [**24**-139 A2].
—, Nev. [**24**-153 D4].
—, N.H. [**24**-97 C3].
—, N.Y. [**24**-102 B3].
—, Tenn. [**24**-117 E2].
—, Va. [**24**-110 G2].
—, Vt. [**24**-97 B3].
—, Wash. [**24**-150 H3].
—, Wis. [**24**-133 C7].
— (battle, 1861) **10**-639c.
— (battle, 1899) **21**-64c.
Belmonte, Braz. [**24**-163 E6].
—, Sp. [**24**-33 E3].
—, It. **17**-909d.
Belmont Junction, N.H. [**24**-97 C3].
Belmore, Fla. [**24**-115 G2].
—, O. [**24**-124 B2].
—, mt., Ire. **9**-173a.
Belmullet, I.F.S. [**24**-20 A2]; **15**-125b.
Belo, Bel. Congo. [**24**-82 D3].
Beloeil, Can. [**24**-89 B3].
Belogradcik, Bulg. [**24**-53 B4]; view Pl. II. fig. 4 **4**-BULGARIA.
Beloit, Ala. [**24**-118 B3].
—, Ia. [**24**-138 A1].
—, Kan. [**24**-142 D2].
BELOIT, Wis. [**24**-133 D7]; **3**-387b, college **3**-387c; pop. **23**-679a fol.
BELOMANCY **3**-387c.
BELON, PIERRE (Fr. nat.) **3**-387c; **3**-611d; **2**-226c; **15**-1001d.
Belondo, Bel. Cong. [**24**-82 C3].
Belone (Belonidae) (fish): *see* Garfish.
Belonite (min.) **6**-808d.
Belonorhychii (fish) **9**-312b.
Belopoeica (Heron) **11**-515c.
Belorado, Sp. [**24**-32 E1].
Bēlos (god) **2**-834c: *see also* Baal.
Belosepia (fossil) **5**-153b.
Belostomatidae (insects): *see* Giant waterbugs.
Beloven, plat., Fr. I.C. [**24**-71 C2].
BELOW, FRITZ VON **3**-387c.
—, **OTTO VON** **3**-387d; **4**-814b fol.; **5**-353d.
Belp, Switz. [**24**-30 C3].
Belpech, Fr. [**24**-26 E4].
BELPER, Derby., Eng. [**24**-14 B2]; **3**-387d; **7**-238c.
Belpre, Kan. [**24**-142 C4].
—, O. [**24**-125 D4].
Belroi, Va. [**24**-110 H3].
Belsano, Pa. [**24**-106 C3].
BELSHAZZAR **3**-387d.
Belshazzar (Handel) **11**-145a.
Belsia, plain, Fr.: *see* Beauce.
Belsökörút, Hung. **4**-323d.
Belspring, Va. [**24**-110 D3].
BELT, THOMAS **3**-388b.
Belt, Mont. [**24**-144 C2].
BELT **3**-388b; dress; *see also* Girdle; mech. **6**-355c; rubber **19**-609d.
Beltana, Austr. [**24**-170 D3].
BELTANE (Celt.) **3**-388b fol.
Belt awl (tool) il. **2**-818c.
Beltcheva, Elisabeth **4**-369d.
Belt conveyor (machinery) **6**-356b fol.: *see also* Band conveyor.
— drive (mech.) **18**-387d; Pl. I. fig. 1-I, J **18**-POWER TRANSMISSION; lathe fig. 1 **18**-393; motorcycle **15**-903d fol.; velocity **18**-388c.
— -dynamometer **7**-815d.
Belted Galloway **5**-47a.
— Kingfisher **13**-395b; **16**-922a.
— Will: *see* Howard, William.
BELTENE: *see* Beltane.
Belthandros and Chrysantza (Gr.) **10**-845c.
Bēlti (myth.): *see* Belit; Bilat.
Beltian series (geol.) **18**-427b.
Belti-ekallim (chron.) **4**-576c.
Belti-ia (Beltin): *see* Belit.
BELTINE: *see* Beltane.
BELTING FOR POWER Transmission **3**-388c; **18**-391b.
Beltirs (tribe) **19**-923c; **20**-600a.
Beltis (myth.): *see* Belit.
Belt Knife Machine, Tanning Pl. I. fig. 3 **8**-LEATHER.
— line (R.R.) **18**-257c; **18**-944a.
Beltman, N.: *see* Plekhanov, Georgy Valentinovitch.
Belton, Eng. [**24**-14 C3].
—, Mo. [**24**-140 C3].
—, Mont. [**24**-144 B1].
—, Ont., Can. [**24**-90 B3].
—, Austr. [**24**-170 D4].
—, S.C. [**24**-113 B2].
BELTON, Tex. [**24**-123 F4]; **3**-390c.
Beltona, Ala. [**24**-118 C2].
Beltra, lake, I.F.S. [**24**-20 B3]; **15**-125c.
BELTRAFFIO, GIOVANNI Antonio: *see* Boltraffio.
Beltramelli, Antonio **12**-748b.
BELTRAMI, EUGENIO **3**-390c; **10**-181a fol.; **15**-59c.
—, co., Minn. [**24**-134 C4].
—, Minn. [**24**-134 B4].
Beltran, Fernando Calderón y **21**-150a.
Beltrán, Colom. **11**-710a.
Beltrees, Ill. [**24**-129 B5].
Beltu (myth.): *see* Belit.
Belturbet, I.F.S. [**24**-20 D2].
Beltys, Mong. [**24**-68 F1].
Beluchi (carpet) **19**-627a.
Beluga (whale oil) **23**-556c.
— (**"WHITE WHALE"**) **3**-390d; **18**-244c; cetacea **5**-173a; leather **5**-167c; il. **5**-172.
Belum, Mal. Penin. [**24**-71 B4].
Belus, riv., Syr. **1**-133d.
Belus (temple) **16**-670d.
Belvedere, Andrea **9**-420a.
Belvedere, dist., Kent **8**-689b.
—, It. [**24**-35 E5].
—, Me. [**24**-96 D3].
—, isl., Calif. **19**-942a.
BELVEDERE **3**-390d.
— (Vatican) **23**-4c.
— (museum, Vienna) **15**-991a.
— (palace, Vienna) **23**-142d.
— (Warsaw) **23**-373d.
— (Weimar) **23**-487d.
"Belvedere Apollo" (statue): *see* "Apollo Belvedere."
Belvedere Court (Rome) **12**-768b.
Belver, Port. [**24**-32 C3].
Belvès, Fr. [**24**-26 E3].
BELVIDERE: *see* Belvedere, except as below.
BELVIDERE, Ill. [**24**-128 D1]; **3**-390d.
—, Kan. [**24**-142 C4].
—, Neb. [**24**-139 G4].
—, N.J. [**24**-105 A2].
—, N.Y. [**24**-102 B3].
—, S.Dak. [**24**-137 C3].
—, Tenn. [**24**-117 E2].
— Center, Vt. [**24**-97 B2].
— Corners, Vt. [**24**-97 B2].
Belview, Minn. [**24**-135 C7].
Belville, Tex. [**24**-123 F5].
Belvoir, Leics., Eng. **17**-989c.
—, castle, Leics., Eng. **13**-891a; **19**-775a.
— (hounds) **11**-924d.
Belvue, Kan. [**24**-142 F2].
Belvue, N.S., Can. [**24**-88 F3].
"Belwin" (horse) **11**-771a.
Belwood, Can. [**24**-90 B3].
Bely (mech.): *see* Bellows.
Belyaev, I. D. **19**-757d.
Belyando, riv., Austr. [**24**-169 C3; **24**-192 D2].
Belz, Fr. [**24**-25 B4].
—, Pol. **13**-903a.
Belzig, Ger. [**24**-39 H1].
BELZONI, GIOVANNI BATTista **3**-391a.
—, Miss [**24**-119 B2].
Belzoni's Tomb (Egy.) **3**-391a.
Belzú, Manuel (pres.) **3**-818d.
BEM, JOSEF **3**-391a.
—, Mo. [**24**-141 F3].
BEMA (arch.) **3**-391b.
Beman, Ill. [**24**-129 E5].
Bematiscus (mammal): *see* Giant golden mole.
Bemba (dialect) **3**-80b.
Bembe, Ang. [**24**-82 B4].
BEMBERG, HERMAN **3**-391c.
Bembex (zool.) **12**-13b.
Bembezi, riv., Rhod. [**24**-81 D1].
BEMBO, PIETRO **3**-391c; **13**-928a; bust **5**-45c; novelist **18**-594d; *Dialoghi degli Asolani* **2**-546d.
— (typog.) **18**-509a; **18**-511d.
Bembridge, H. **15**-540c.
—, I. of Wight [**24**-15 B5]; **23**-593a.
— beds (geol.) **17**-93a.
Bement, Ill. [**24**-128 D4].
—, N.Dak. [**24**-136 E1].
Bemersyde, Scot. **7**-829a.
Bemes, Ill. [**24**-128 E2].
Bemidhbar R. (Heb.) **11**-358a.
Bemidji (chief) **3**-391d.
BEMIDJI, Minn. [**24**-134 D4]; **3**-391d.
BEMIS, EDWARD W. **3**-391d.
—, Me. [**24**-96 B4].
—, N.H. [**24**-97 C2].
—, S. Dak. [**24**-137 H2].
Bemiss, Ga. [**24**-114 C6].
Bemis's Height (battle) **1**-799b.
Bemmel, Eugène van **3**-348b.
BEMONT, CHARLES **3**-392a.
—, G. (Fr. chem.) **18**-906a.
Bempton, Eng. [**24**-14 C1].
Bemus Point, N. Y. [**24**-102 A3].
Bemvezi, riv., Rhod. [**24**-81 D1].
Ben in names of mts., *e. g.* Ben Alligin, &c.: *see* Alligin, &c. *except as below.*
BEN (Scot. room) **3**-392a.
Ben, hill, Westmeath, Ire. **23**-539a.
Bena, Minn. [**24**-134 D4].
Benab (hut) **7**-785d.
Benabarre, Sp. [**24**-33 G1].
Bena Bendi, Bel. Cong. [**24**-82 D3].
Benacci (pre-hist.) **23**-156b.
— art: *see* Villanovan art.
Benacus, lake, It.: *see* Garda.
Bena Dibele, Bel. Cong. [**24**-82 D3].
Benadir, co., It. Somlnd. **20**-969a.
Benadum, Ind. [**24**-126 C2].
Benaiah (soldier) **20**-952a.
Benaize, riv., Fr. [**24**-26 E1].
Benaja, N.C. [**24**-112 F1].
Benakamba, Bel. Cong. [**24**-82 E3].
Benalcazar, Sebastian de **7**-943a; **18**-222c.
Benalla, Austr. [**24**-171 H6].
Benambra, co., Vict., Austr. [**24**-171 H6].
Benan Conglomerate **16**-873.
Benarba, co., N.S.W., Austr. [**24**-171 J2].
Benard, Abraham Joseph: *see* Fleury.
—, Emile **4**-598c.
— (mfr.) wall-paper **12**-491b.
BENARES, state, India **3**-392a; **22**-712c fol.
BENARES (Kasi), India [**24**-65 E3; **24**-67 D1; **24**-64 F3], **3**-392b; Hindu university **3**-393a; established **22**-877a; trade centre **22**-713b, Viśveśvara temple **12**-223b.
— school **12**-231c.
Bena Riamba (society) **3**-5b.
Benarty, hills, Scot. **13**-403c.
Benas, cape, Egy. [**24**-79 D3].
Ben Asher (rabbi): *see* Aaron ben Asher.
Bénat, cape, Fr. [**24**-27 K4].
Benatee, Ill. [**24**-128 B3].
Benauv, Fr. [**24**-24 E2].
Benavente, Sp. [**24**-32 D2].
—, Luis Q. de (au) **21**-158a.
— **Y MARTINEZ, JACINTO** **3**-393b; **7**-594b; **21**-159c.
Benbecula, isl., Scot. [**24**-18 A4]; **22**-667c.
—, sd., Scot. [**24**-18 A4].
Benbo, mt., Ire. **13**-898c.
Ben Bolt, Tex. [**24**-123 E6].
BENBOW, JOHN **3**-393b.
Benburb, Ire. (battle) **12**-609a; **16**-791a.
BENCH **3**-393c.
— (wood-carver's) **4**-955d.
Benchers **3**-92b; **3**-143b.
Bench holdfast **20**-218c.
Benchley, Robert **14**-224b.
BENCH MARK **3**-393c.
— rammer (tool) **18**-98b.
— screw (tool) **20**-218b.
— **TABLE** (seat) **3**-393d.
— warrant (law) **23**-367a; **23**-368a.
BENCKENDORFF, ALEXander, count **3**-393d.
Bencooleen, Sum. **21**-551b.
Ben Coziba: *see* Barcocheba.
Bencroy, I.F.S. [**24**-20 D2].
Bencúr, M. (writ.): *see* Kukučín, Martin.
Bend, Ala. [**24**-118 A4].
—, Calif. [**24**-154 B2].
—, La. [**24**-121 D4].
BEND, Oreg. [**24**-151 D3]; **3**-393d.
—, S. Dak. [**24**-137 A2].
BEND **3**-394a; her. **11**-464d; **3**-394a; **11**-458c; **11**-462c; knot **13**-444a; fig. 3 **16**-247.
BENDA (fam.) **3**-394a.
—, **JULIEN** **3**-394a.
—, Simone: *see* Le Bargy.
—, W. T., masks by, Pls. III., IV., V. **15**-MASKS.
—, Fr. Equat. Af. [**24**-82 C2].
— (battle) **13**-525b.
Bend Amir (dike) **17**-587a.
Ben Davis (apples) **9**-885b.
BEN DAY PROCESS **3**-394b.
Bende, Nig. [**24**-80 F4; **24**-82 A1]; **16**-440b.
Bendena, Austr. [**24**-171 H1].
Bender (gen.) **3**-359b.
—, Rum. **3**-472a.
—, S.Dak [**24**-137 D2].
—, U.S.S.R. **18**-335a.
BENDER: *see* Tighina.
Benderer (sol.) **20**-355a.
Bender Eregli, Asia M.: *see* Heraclea Pontica.
— Junction, Pa. [**24**-107 F3].
Benderloch, dist., Scot. **2**-338d.
Bendersville, Pa. [**24**-107 D4].
Bendigo, N.Z. [**24**-173 B6].
BENDIGO, Vict., Austr. [**24**-171 G6]; **3**-394c; gold-field **2**-716a; mining **23**-132b.
Bendi-Kai (name) **10**-988d.
Bending (mech.) **15**-56b.
— (met.) **9**-510c.
— (phys.) **8**-119c.
— moment **4**-132d; **8**-119c.
Bendis (myth.) **22**-159d: *see also* Artemis.
Bendix driv… fig. 1-A 18 MISSION
BENDL, K…
Bendleathe…
Bendlet (he…
Bendo, S.L.
Bendock, A…
Bendon, Mi…
Bendorf, G…
Bends (eng…
— (med.): … ease.
Bend sinist… 464d: *see*
Bendugu, … C3].
BENEDEK, … von **3**-39… **15**-680d.
Benédette, … one, Giov…
Benedetti, … **4**-659d; **2**-…
— of Todi, … Jacopo de…
—, **VINCEN…** **10**-291d.
— claim **9**-…
Benedetto, … 243c; **18**-…
Benedic… (Shakespe… *Ado abou…*
BENEDICT
— I. **3**-395d.
— II. **3**-395…
— III. **3**-39…
— IV. **3**-396
— V. **3**-396…
— VI. **3**-396
— VII. **3**-39…
— VIII. **3**-… 428d; **19**-5…
— IX. **3**-396
— X. **3**-396 513b.
— XI. **3**-39… 364a; **17**-7… 922c.
— XII. **3**-3… 888a; **17**-2… 175a.
— XIII. (a… **12**-372a; **1**… non **2**-815…
— XIII. (p… 295b fol.; **1**-559a; **5**-… 957a.
— XIV. **3**-3… 16b.
BENEDICT… 223d; **4**-85… of Arc **13**-… **8**-873b.
— (of Anian… **6**-621b.
— (of Main…
—, **SIR JUL…**
— (the Pole…
—, Kan. [**24**…
—, Md. [**24**-…
—, Minn. [**2**…
—, N. Dak. […
—, Neb. [**24**…
Benedicta, …
Benedictbeur… Bav. **10**-5…
BENEDICT… **3**-373a; **8**-…
— di Rhegio…
BENEDICTI… (liqueur) …
— college, R…
— nuns **3**-39…
BENEDICTI… Monks) … **3**-397d; il. … don **1**-48a; … Fulda **9**-9… 904a; Kent… Eng. **14**-1… **15**-687d; n… teries **1**-1… **16**-776a; … **19**-422b; St… St. Dogma… St. Galle… Jean-d'Ans…
BENEDICTI… *Benedictiona…*
BENEDICT… Saint **3**-39… 173c; **15**-6… Loire **19**-8… 754c; Ciste…
Benedictsson… Ahlgren, …
Benedictus (… dict.
BENEDICTU… 400d; in … Mass mus.
— **ABBAS** 3…
— Polonus: *s…* Pole).
Benediktsson

BENEDIX, JULIUS RODERich 3-401a; 10-227d.
BENEFICE 3-401b; eccl. 1-206d; 7-423b; 19-34a; land grant 9-764d fol.
Beneficencia, Order of (Sp.) 13-440b.
Benefices Acts (1892) 20-700c; (1898) 3-401c; 1-207a.
— Measure (1923) 1-207b; 18-524d; (1927) 8-475b.
BENEFICIARY (law) 3-402b.
Beneficiis, De (seneca) 20-323d.
Beneficium: *see* Benefice.
— inventarii (Rom. law) 19-453c.
Benefit money 12-910b.
— of Clergy: *see* Clergy, Benefit of.
— **SOCIETIES** 3-402b; 9-843a.
Benê Hêth: *see* Hittites.
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— (poker) **18**-126c.
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Blindas Vanner, Das **3**-720c.
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— **POOL** (fin.) **3**-732b; fraud **9**-706b.
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—, Ont., Can. [**24**-90 A1].
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Blind Sisters of St. Paul **3**-728c.
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—, Daniel **1**-809b.
—, Nathaniel **2**-587c.
—, **TASKER H.** (sol.) **3**-732d; **22**-840d.
—, Fabyan & Co. **3**-732d.
Bliss, La. [**24**-121 B2].
—, Mo. [**24**-141 G3].
—, Neb. [**24**-139 F2].
—, Nev. [**24**-153 C1].
—, N.Y. [**24**-102 B3].
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Bloated brick **4**-116d.
Bloater **13**-410d; **17**-962d.
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Bloch (phys.) **8**-242b.
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—, Jean R. (au.) **9**-802d.
—, **MARK ELIEZER 3**-733c.
—, Paul (publ.) **16**-358d.
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Block printing **21**-999d; colour **6**-65c; fig. 1 **21**-1000; **22**-4c; photo-engr. **17**-794a.
— pulley **18**-761b.
— signal (ry.) **18**-950d; **18**-928a; fig. 9 **18**-927.
Block structure (geol.) **10**-165d.
— tin pipe **18**-85d.
— wire (telephone) **21**-898a.
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—, Adriaen (paint.) **3**-737c.
—, Cornelius (paint.) **3**-737c.
—, Frederick (paint.) **3**-737c.
—, Hendrick (paint.) **3**-737c.
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—, Norbert van **3**-737d.
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—, **SIR ARTHUR W. 3**-739b.
—, Charles J. **3**-739b.
—, **CHARLES J.** (bp.) **3**-739b.
—, **EDWARD V. 3**-739c.
—, **SIR REGINALD** (arch.) **3**-739c; **23**-346b; **13**-666b.
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—, **DAVID 3**-739d; **7**-128b.
—, **JACQUES F. 3**-739d.
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Blood-chemistry **15**-195d.
— feud **6**-710d; **6**-339d; **1**-511b.
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Bloodhound **7**-497a.
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—, Louis Napoleon, prince (gov.) **3**-840d.
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Bosque, P. R. (pres.) **19**-905d.
Bosra, Syr. [**24**-58 G6]; **3**-168d.
BOSS **3**-930c; pol. **22**-772b; geol. **10**-167c.
Bossall, Eng. [**24**-13 D3].
Bossburg, Wash. [**24**-150 G2].
Bosscha Observatory, Bandung, Java **3**-28b.
Bossekop, Nor. **2**-298c.
Bossenno, Fr. **4**-889a.
Bosshard, R. T. **17**-64b.
Bosshart, J. (writ.) **21**-672d.
BOSSI, GIUSEPPE **3**-930c.
Bossier, parish, La. [**24**-121 A1].
Bossinney, Eng. **22**-238b.
Bossius, Aegidius **22**-313a.
Bos sondaicus: *see* Tsine.
Bos sondaicus: *see* Wild ox.
"Boss" Tweed (Am. pol.): *see* Tweed, William Marcy.
BOSSU, RENE LE **3**-930c; **6**-728d; **9**-790c.
BOSSUET, JACQUES BENigne (Fr. div.) **3**-930d; **9**-789d; **5**-26c; **13**-559d; **11**-16a; **9**-630c; **4**-666a.
Bossus (pseud.): *see* Whittington, Robert.
Bossy, Peter James **17**-929a.
Bost, Afg. **14**-679a.
Bostan, India [**24**-65 B2].
BOSTANAI (Exilarch) **3**-932a.
Bostanji (troops) **22**-602c.
Bos Taurus: *see* Ox.
Bos taurus longifrons (animal): *see* Celtic shorthorn.
Bostic, N.C. [**24**-112 D2].
Bosting (carving) **20**-218d.
Bostock's Royal Italian Circus **5**-722c.
Boston, John (monk) **14**-3b.
—, **THOMAS** (cler.) **3**-932a.
Boston, Ark. [**24**-120 B2].
—, Ga. [**24**-114 C6].
Boston, Ind [**24**-127 D3].
—, Ky. (Bullitt co.) [**24**-116 E3].
—, Ky. (Pendleton co.) [**24**-116 F2].
BOSTON, Lincs., Eng. [**24**-14 C3; **24**-10 F4]; **3**-932a.
BOSTON, MASS. [**24**-99 C1; **24**-95 M2, **24**-2 H2]; **3**-932c; Academy of Music **16**-20c; Aquarium **2**-158c; apartment houses **2**-92d fol.; Arnold Arboretum **2**-227a; Athenaeum (library) **15**-29a, book censorship **5**-117a; Co-op. Building Co. **11**-842c; freemasonry **9**-739a; harbour **11**-182b; imports and exports **15**-30a fol.; library murals Pl. IV. figs. 3, 5 and 6 **15**-MURAL PAINTING; museum **15**-1000b; music festival **9**-201b; Navy dock **7**-483c, pop. **15**-27b; **22**-734d; **22**-736b; Symphony orchestra **3**-934d; **11**-548d; Saturday Club (lit.) **11**-677c; University **15**-28d.
—: *History:* **3**-935 fol.; Boston Port Bill **22**-783b; **6**-373d; **3**-937b; **14**-861c; Boston Tea Party **15**-32a; **19**-240a; **22**-783a; Brit. evacuation **1**-798a; "Great Fire" (1872-1889) **9**-275a; Massacre (1770) **3**-933d; il. **22**-782; **3**-937a, **17**-32d; police strike (1919) **21**-473a; Sewall's hist. **1**-785c.
—, Mo. [**24**-140 C4].
—, N.Y. [**24**-102 B3].
—, O. [**24**-124 D2].
—, Tenn. [**24**-117 D2].
—, Tex. [**24**-123 G3].
—, bay, Mass. [**24**-99 C1].
—, mts., Ark. [**24**-120 A2; **24**-189 H3]; **2**-366a; **16**-1007a; **22**-718c.
— (dance) **7**-23c.
BOSTON (game) **3**-939a.
— and Albany R.R. **18**-937a.
— and Lowell R.R. **3**-939b.
— **AND MAINE RAILROAD, The** (U.S.) **3**-939b.
— and Sandwich Glass Co. (U.S.) **10**-411b.
Boston Corner, N.Y. [**24**-103 G3].
— Deeps, channel, Eng. **23**-379b.
BOSTON FERN (bot.) **3**-939c.
Boston Gazette **1**-154b; **16**-355a,b.
Boston Grammar school: *see* Roxbury Latin school.
Bostonians, The (nov., H. James) **12**-882b; **1**-791d.
Bostoniensis (bot.): *see* Boston Fern.
BOSTONITE (petrol.) **3**-939d.
BOSTON IVY: *see* Virginia Creeper **3**-939d.
Bostonnais, riv., Que., Can. [**24**-89 B2].
Boston News Letter, The **1**-200a; **16**-354b.
Boston pig (animal): *see* Lincolnshire curly coated pig.
— Plantation, Mass.: *see* Pittsfield.
BOSTON POST ROAD, THE (U.S.) **3**-939d.
— Rebel, The (pseud.): *see* Lowell, John.
Boston Ranch, Me. [**24**-96 B3].
— Spa, Eng. [**24**-13 C4].
— terrier (dog) **7**-496d.
"Boston Zuccaro" (paint.) Pl. fig. 6 **20**-SHAKESPEARE, WILLIAM; **20**-450c.
Bostra, Rom. Emp. map **19**-501 (K5).
—, Syr. **19**-434c; **21**-717b; **15**-657d: *see also* Bosra.
BOSTROM, CHRISTOFFER J. **3**-939d; **16**-556a; **21**-658b.
Bosts Mills, N.C. [**24**-112 E2].
Bostwick, Fla. [**24**-115 G2].
—, Neb. [**24**-139 F4].
Boswell, Sir Alexander (Scot. poet) **6**-865c.
Boswell, Alexander **3**-940a.
—, **JAMES** (Eng. au.) **3**-940a; **6**-865c; **8**-590d; **13**-118c; **14**-730c; **10**-497a; **7**-323d; **3**-595a.
—, Margaret M. **3**-940d.
—, Ark. [**24**-120 C1].
—, Okla. [**24**-143 G4].
Boswellia Bhua-Dajiana: *see* Mohr Add.
— Carterii: *see* Mohr Madow.
— Frereana **8**-349a; *see also* Yegaar.
— glabra (tree) **9**-688d.
— papyrifera (tree) **9**-688d.
— serrata (tree) **9**-688d.
Boswellia thurifera **9**-688d.
Boswijck, N.Y.: *see* Bushwick.
Bosworth, Edward I. **16**-668b.
—, Ky. [**24**-116 G4].
—, Mo. [**24**-140 D2].
BOSWORTH FIELD, Battle of (1485) **3**-942b; **8**-507b; **11**-437d; **19**-288c.
Bosworth Field (poem, Beaumont) **11**-514d.
Bot. (abbrev.) **1**-23d.
Bot (law) **6**-710d.
Botafago, bay, Braz. **19**-314c; Pl. fig. 1 **19**-RIO DE JANEIRO.
Botallack, mine, Eng. **10**-475d.
Botaniates (Byzantine emp.): *see* Nicephorus III.
BOTANICAL AND HORTICULTURAL Societies: *see* Horticultural and Botanical Societies.
BOTANICAL ARTICLES (list) **3**-942c.
— Garden (New York, N.Y.) [**24**-104 E2]; **16**-386c.
BOTANICAL SOCIETY OF America **3**-945a.
— of Washington (D.C.) **23**-394d.
BOTANIC GARDEN **3**-942c.
— (Brooklyn, N.Y.) **4**-256d.
Botanic Garden (poem, E. Darwin) **7**-67a.
BOTANY **3**-945a; assimilation processes **3**-590c; divisions **3**-948a; geotropism **18**-28b, Stephen Hales **3**-613d; photoperiodism **17**-848b; photosynthesis **18**-26c; species **21**-177b; sap ascent **18**-23a; vegetation **17**-858d.
—, Geographical: *see* Plants: *Distribution and Ecology.*
BOTANY BAY, N.S.W., Austr. [**24**-171 K4]; **3**-948b; **21**-697a; **2**-714a; expedition (1788) **16**-333b; expl. **6**-364d.
— kino (resin) **8**-793a.
— worsted yarns **15**-280c; **20**-361b; **20**-727c.
Botargo (food) **5**-76c; **3**-675c.
Botau, mt., Bor. [**24**-72 D3].
Botaurus lentiginosus: *see* American bittern.
— stellaris (bird): *see* Bittern.
Botcinnu, Eng.: *see* Bossinney.
Bote (law) **3**-885a.
Botel (castle): *see* Buittle.
Boteler, Samuel: *see* Butler.
Boteler Ford, battle of Antietam, map **2**-63; **2**-63d.
Botes (law): *see* Estovers.
Botetourt, co., Va. [**24**-110 E3].
BOTEV, CHRISTO (rev. and poet) **3**-948c; **4**-368b.
BOT-FLY (insect) **3**-948c; **7**-413c; **7**-414c; **23**-116a.
Both, Pieter **14**-711a; **7**-770a; **3**-199c.
BOTHA, LOUIS (S.Af. states.) **3**-948d; **21**-59b; **7**-855d; **6**-2a; **12**-886d; **20**-845d fol.; **11**-527a; **10**-231c; **21**-96c; **21**-97b.
Bothach (cottier) **4**-85d.
Bothal, castle, Eng. **2**-510b.
Bothamsall, Notts., Eng. [**24**-14 B2; **24**-13 D4].
Bothaville (battle) **21**-66a.
Bothe, W. **6**-188b.
Bothel, Eng. [**24**-13 A3].
Bothell, Wash. [**24**-150 C3].
Botheltun, Eng.: *see* Bolton.
Bothidae (fish fam.) **9**-324d.
Bothie: *see* Bothy.
Bothinae (fish) **9**-324d.
Bothmar (Prus. gen.) **3**-717d.
Bothmer, von **14**-463c fol.
Bothner, George **23**-807c.
BOTHNIA, GULF OF, Baltic S. [**24**-42 K5; **24**-48 B2; **24**-179 K3]; **3**-950a; **2**-1015c; table **7**-435c; **21**-637b.
Bothnian granite **18**-427d.
Bothniolepis (zool.) **7**-288b.
Bothorinidae (zool.) **2**-204d.
Bothria (zool.) **21**-803d.
Bothriocephalidea **21**-804a.
Bothriocephalus **1**-861d; **1**-862a.
Bothriocidaris (fossil animal) **7**-903d; evolution of echinoderma fig. 25 **7**-903.
Bothriospondylus (Jurassic reptile) **14**-600c.
BOTHROP, Ger. **3**-950a.
Bothrops atrox: *see* Fer-de-lance.
— jararacussu (jararaca): *see* Jararacussu.
BOTHWELL, JAMES HEPburn, 4th earl of **3**-950a; **2**-976b; **4**-967c; **20**-163d; **14**-695d; **14**-730a; **14**-1004b.

Bothwell, Lady Jane Gordon, countess of 14-1004d.
—, Patrick, 3rd earl 3-950a.
BOTHWELL, Scot. 3-950d.
—, Miss. [24-119 D4]
—, castle, Scot. 3-700c; 3-950d.
Bothwell (Swinburne) 21-669a.
Bothwell Bridge (battle, 1679) 3-950d; 20-167a.
Bothy (hut) 3-891a.
Botkins, O. [24-124 A3].
Botletle, riv., Bech. [24-81 C2; 24-185 F8]; 16-405c.
Botley, Eng. [24-15 B5]; 9-881b.
Botna, Ia. [24-138 B3].
Bötö, Den. [24-46 D4].
—, riv., Rum. 3-472a.
Botocan, falls, P.I.: *see* Pagsanjan cataract.
BOTOCUDOS 3-950d; 6-158b fol.; 21-76c.
Botolph, St. 3-932a. b.
Botolph's Town: *see* Boston, Lincs., Eng.
Botoner, William: *see* Worcester, William.
BOTORI (game) 3-951a.
BOTOSANI, Rum. [24-53 D2]; 3-951a.
Botrange, plat., Belg. 3-351b.
BO-TREE 3-951b; 2-89d; *see also* Peepul tree.
Botrychium Lunaria (bot.): *see* Moonwort.
Botrydium (plant) 1-596c; fig. 2Q 1-595.
Botryocrinus decadactylus fig. 16 7-899.
Botryolite (min.) 7-69c.
Botryopteridaceae 17-76b.
BOTRYTIS (bot.) 3-951b; 20-668c; 20-934a; 9-923d.
Botsford, Conn. [24-101 B2].
Botshokh-meér, mt., U.S.S.R. 5-56c.
BOTTA, CARLO G. G. 3-951b; 12-746a.
—, Paul E. 2-236a fol.; 3-951c.
— (archae.) 2-854c.
Botte Donato, mt., It. 2-95c.
Bottego, Vittorio (It. capt.) 20-966c; 20-969a; 1-322c.
Botten, lake, Sweden 10-539d.
Bottengruber, Ignaz 18-353b.
Bottesford, Eng. [24-14 C3].
BOTTESINI, GIOVANNI (It. mus.) 3-951c; 7-548d.
Böttger, J. F. 18-352b.
—, R. C. (chem.) 12-361b.
Botti, G. 1-580a.
BOTTICELLI, SANDRO (It. paint.) 3-951c, 9-419c; "Pallas Taming a Centaur" Pl. fig. 3 21-TEMPERA; Pl. III. fig. 4 17-PAINTING; 18-266a; 17-37d.
Böttcher, Paul Anton: *see* Lagarde, Paul Anton de.
Böttiger, C. W. 21-657d.
BOTTIGER, KARL A. 3-952d.
Bottineau, N.Dak. [24-136 D1].
Böttingen, Ger. 23-816c.
Bottisham, Eng. [24-15 D3].
BOTTLE (container) 3-952d; 1-225a; 10-399b; Early American Pl. XVIII. 10-GLASS.
BOTTLE-BRUSH PLANTS (bot.) 3-953a.
Bottle-capping machine, automatic Pl. II. fig. 4 2-AUTOMATIC MACHINERY.
Bottle filler (machine) 6-983c.
— gentian (plant) 10-121a.
— gourd (plant) 10-558b.
— machine, il. 10-411.
BOTTLE MANUFACTURE 3-953b.
Bottlenose (bird): *see* Puffin.
Bottle-nosed dolphin (mammal) 5-173c; fig. R 5-172.
— -nosed whale (mammal) cetacea 5-171d; fig. E 5-170; 23-556b; 23-555d.
— tannage 13-848a.
— washer 6-983c; 8-165d.
Bottling: aerated waters 1-224d; Pl. I. figs. 1-6 1-AERATED WATER; beer 4-106c; machine il. 4-107.
BOTTLING (of foods): *see* Preserving and Bottling.
Bottom fermentation (brewing): *see* Lager process.
— -fishing 1-935d.
— -flange telphers 15-731c.
— House, Staffs., Eng. [24-14 B2].
— peat (fuel) 17-427d.
— rake: *see* Clearance.
Bottomley, Gordon 8-602b; 18-112c; 8-601a.
—, Horatio 9-705d.
BOTTOMRY 3-956a; 3-842c.
Botu, Fr. W.Af. [24-80 E3].
Botucatu, Braz. [24-163 C7]; pop. 19-985b.
BOTULISM (ALLANTIASIS) 3-956c; 15-185a; 9-457c.
Botungo, Fr. Equat. Af. [24-82 C2].
Botwood, Nfd. [24-93 C2].
Botzaris, Dmitri 3-957c.
BOTZARIS (BOZZARIS), Marco (Gr. leader) 3-957b.
Botzen, It.: *see* Bolzano.
Bouaye, Fr. [24-24 D5].
Bouc, Fr. [24-27 H4]; 2-372c.
Boucanning process of preserving flesh 4-307d.
Bouchain, Fr. [24-25 J1]; (battle) 21-167d, 9-872d.
Bouchard VII, Count of Vendôme and Castres, 23-41c.
— (the Venerable), count of Vendôme: *see* Vendôme.
BOUCHARDON, EDME (Fr. sculp.) 3-957c.
BOUCHE FERMEE, A. 3-957c.
BOUCHER, FRANÇOIS (Fr. paint.) 3-957c; 18-352a; 21-801b; "The Toilet of Venus" Pl. XIII. fig. 17-PAINTING; "Three Graces, The" Pl. II. 16-OIL PAINTING, TECHNIQUE OF; 17-49c.
—, Jacques 13-73c.
BOUCHER, JONATHAN (Eng. cler.) 3-957d.
— (archae.): *see* Coups de poing.
—, iron-electro-plating 8-341b.
BOUCHER DE C. DE PERTHES, J. 3-957d; 14-765b.
BOUCHES-DU-RHONE, dept., Fr. [24-27 H4; 24-23 F5]; 3-958a; pop. statis. 9-585a; wine 23-654b.
Bouchette, lake, Que., Can. [24-89 B1].
Bouchon, Basile 23-460d.
BOUCHOR, MAURICE (Fr. poet) 3-958b; 9-797b.
Bouchotte, E (phys.) 8-144c.
BOUCHOTTE, J. B. NOEL (Fr. states.) 3-958c.
BOUCICAULT, DION (Ir.-Am. dram.) 3-958c; 7-612a; 8-596d; 12-638a.
BOUCICAUT, JEAN 3-958d.
Bouckerv. Can. [24-89 B3].
Boucnemia: *see* Elephantiasis.
Boucq, riv., Belg. [24-29 C4].
Boude (game): *see* Tennis.
Boudet, François 18-641c.
BOUDICCA: *see* Boadicea.
BOUDIN, LOUIS E. 3-958d.
Boudinot, Elias 3-539a.
Boudins blancs 20-13b.
— noirs: *see* Black puddings.
"Boudoir de Madame de Sévilly" 19-587c.
Boudrouet, rock. For. [24-70 D5].
Boudry, Switz. [24-30 B3].
BOUE, AMI (geol.) 3-959a.
—, Equat. Af. [24-82 B3].
Bouer, La. [24-121 D4].
Boues, riv., Fr. [24-26 D4].
Bouët-Willaumez (Fr. adm.) 12-845d; 9-758a; 20-326a.
BOUFFLERS, LOUIS FRANçois, duc de, comte de Cagny 3-959a; 14-732b; 23-158d.
—, **STANISLAS JEAN**, chevalier de 3-959b.
BOUGAINVILLE, LOUIS Antoine De 3-959c; 17-17a; 14-425b; 19-921d; 20-954a.
—, cape, Austr. [24-168 D1; 24-192 B1].
—, isl., Pac. O. 17-8d; 20-954a.
—, reef, Austr. [24-169 C2].
—, str., New Hebrides Isls. 3-959c.
Bougainvillea (plant) 3-959d.
Bought ledger (bookkeeping): *see* Purchases ledger.
— note 4-230d fol.
Boughton, Gabriel 12-192a.
BOUGHTON, GEORGE H. (paint.) 3-959d.
—, Rutland (comp.) 16-17a.
—, Ark. [24-120 B4].
—, O. [24-124 E2].
— Street, Eng. [24-15 D4].
Boughtonville, O. [24-124 C2].
BOUGIE, Alg. [24-78 F1]; 3-959d.
— to Marseilles (s.s. route) [24-8 G6; 24-23 F5].
— (med.) 16-710d.
— decimale (unit) 14-94b.
Bouglon, Fr. [24-26 D3].
Bougouni, Sud. [24-80 C3].
Bougre, Robert le 12-380c.
Bouguenais, Fr. [24-24 D4].
BOUGUER, PIERRE 3-960a; 11-988c; 10-663c.
BOUGUEREAU, A. W. (Fr. paint.) 3-960b.
BOUHOURS, DOMINIQUE 3-960b, 6-728d, 9-790c.
BOUILHET, LOUIS HYACinthe 3-960b, 9-361b.
BOUILLABAISSE (food) 3-960c; 21-38c, 9-200b.
Bouillaud, Ismael 2-585c.
BOUILLE, F. C. A., marquis de (Fr. gen.) 3-960c
Bouillon, F. M. de la Tour d'Auvergne, duke of 8-934a.
—, Godtrey de: *see* Godtrey de Bouillon.
—, Robert II. de la Marck, duke of 9-373d.
BOUILLON, Belg. [24-29 D5]; 3-960c.
BOUILLON (food) 3-960d.
—, Cardinal de hist. of forgeries by E. Baluze 3-10c.
—, F. M. de la Tour d'Auvergne, duke of 9-865a; 5-714a.
BOUILLY, JEAN NICOLAS (Fr. writ.) 3-960d.
—, Fr. [24-25 K3].
— -en-Auxois Fr. [24-25 K4].
Bouin, J. 19-666a. 2-619a.
Boulaia, Athena 2-601c.
BOULAINVILLIERS, HENRY, comte de 3-961a.
Boulam, isl., Port.Guin.: *see* Bolama, isl.
BOULANGER (artists) 3-961a.
— (Fr. restaurateur) 19-229b.
—, A. A. 3-583d.
BOULANGER, GEORGES E. J. M. (Fr. gen.) 3-961a; 9-653d, 5-792b, 9-387a.
—, **JEAN** (d. 1660) 3-961a.
Boulangerite (min.) 2-67c.
Boulangism (Fr. pol. movement) 2-77c *see also* Boulanger, G. E. J. M.
Boulard, Michel 12-490c.
Boularderie, isl., Can. [24-88 J2].
Boulay, Fr. [24-25 M2].
BOULAY DE LA MEURTHE, A. J. C. J., comte 3-961d.
—, H. G., comte 3-961d.
Boulazac, Fr. [24-26 D2].
Boulder, co., Colo. [24-147 E1]; 6-44d.
BOULDER, Colo. [24-147 E1]; 3-961d; 6-45d.
—, Ill. [24-129 C5].
—, Mont. [24-144 B2].
—, Utah [24-152 C5].
—, W.Austr. 13-244c; gold mine Pl. II. fig. 3 2-AUSTRALIA.
—, Wyo. [24-146 C3].
— canyon, Colo. 6-43c; 6-50b.
BOULDER 3-962a; beds 20-271a
BOULDER DAM: *see* Colorado River 6-50b.
BOULDER CLAY: *see* Glacial Period; *see also* 3-962b; 5-786c; 10-375b.
Boulder, mt., Ida. [24-145 D6; 24-188 D2].
— City, Austr. [24-168 C5].
BOULE PIERRE M. 3-962b.
— (Fr. engin.) 12-689c.
BOULE (An. Gr. term) 3-962b; 3-962c; 7-885c; 21-452b; 10-313c; 10-765c; *see also* Areopagus, Council of.
— (gem) 10-96d fol.
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Boulé gate 23-489b.
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BOULETERION 3-963a; 10-566b; fig. 19 10-802.
Boulette (sculp. technique) 20-224c; Pl. VIII. fig. 6 20-SCULPTURE TECHNIQUE.
Boulevard, Calif. [24-155 E6].
BOULEVARD (earthwork) 3-963b; *see also* Bulwark.
— (road) 3-963b; concrete Pl. fig. 3 6-CONCRETE.
Boulia, Austr. [24-169 A3].
BOULLE, ANDRE CHARLES 3-963b; 12-367c; 4-347a; 4-504b; 7-261c.
—, Jean 3-963b.
—, Pierre 4-504a.
Boullier, Antoine 20-689c.
BOULOGNE (BOULLONGNE) (fam. Fr. paint.) 3-963c.
—, Valentin de: *see* Valentin, Le
—, Fla. [24-115 G1].
—, riv., Fr. [24-24 D5]
BOULOGNE, CONFERENCE of (1920) 3-963c.
—, Edict of (1573) 9-623c.
— Agreement (1920) 3-963c.
BOULOGNE-BILLANCOURT, Fr. 3-963d.
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Brantley, Ala. [**24**-118 C4].
—, Ga. [**24**-114 B4].
—, co., Ga. [**24**-114 D5].
BRANTOME, PIERRE DE Bourdeille, Seigneur and Abbé de **4**-38d; **9**-785c.
BRANTOME, Fr. [**24**-26 D2]; **4**-39a.
Brantwood, Wis. [**24**-132 C4].
Branwell, Maria **4**-237d.
Branwen (Welsh lit.) **23**-505d.
BRANXHOLM: *see* Hawick.
Branxholme, Austr. [**24**-170 E6].
BRANXTON, Eng. **4**-39b; **9**-384c.
—, gap, Austr. **20**-713d.
Braose (fam.): *see* Bruce.
—, **WILLIAM DE** **4**-39b.
Braque, Georges (paint.), "Nude" Pl. fig. 1 **18**-POST IMPRESSIONISM; "Still Life" Pl. XVIII. fig. 1 **17**-PAINTING.
Bras, Pulu, isl., Mal. Arch. [**24**-72 A2].
BRASCASSAT, JACQUES Raymond **4**-39b.
Braschi, Giovanni Angelo (pope): *see* Pius VI.
Bras d'Apic, Que., Can. [**24**-89 C2].
Bras-de-Fer (nick.): *see* La Noue, Francois de.
BRASDOR, PIERRE **4**-39c.
BRAS D'OR, lake, N.S., Can. [**24**-88 J3]; **4**-39c; **4**-776b.
Bras du Lac, riv., Fr. I.C. **4**-638c.
Brasenia Schreberi (plant): *see* Water-shield.
Brasenose College, Oxford, Eng. map **16**-988; **16**-997a; scholarships **11**-875d; hall **20**-849a.
Brasfield, Ark. [**24**-120 D3].
Brashear, Ky. [**24**-116 F2].
—, Mo. [**24**-140 E1].
— City, La.: *see* Morgan City.
Brasher Falls, N.Y. [**24**-103 F1].
BRASIDAS (Spartan) **4**-39c; **21**-741b; **22**-165a.
Brasie Corners, N.Y. [**24**-103 E1].
Brasil, Vital **4**-60b.
BRASIL: *see* Brazil.
Braslaw, Pol. [**24**-41 H1].
Braşov, dept., Rum. **4**-39d.
BRASOV (Brassó, Kronstadt), Rum. [**24**-53 C3; **24**-9 M4]; **4**-39d; **19**-637b.
Brasports, Fr. [**24**-25 B3].
BRASS, dist., Nig., Br. W. Af. [**24**-82 A2; **24**-80 F5]; **4**-40b.
Brass, riv., Nig. [**24**-80 F5]; **4**-40b.
BRASS (met.) **4**-40b; photomicrograph Pl. I. figs. 1-9 **1**-ALLOYS; bearings **3**-260d fol.; electro-plating **8**-341a; hard-drawn **15**-62a; industry, electrification **8**-313a; oxidization **2**-435c; production, Brit. **10**-708b; resistance **8**-228d; solder **20**-939b.
—, ornamental **4**-244b; Indian and Indonesian **4**-249d; *see also* Bronze and Brass Ornamental Work.
Brassac, Fr. [**24**-26 F3]; **11**-256c.
Brassage (tax) **20**-283a.
BRASSARD **4**-41b.
Brassau, Me. [**24**-96 C3].
Brassay, sound, Shetland, Scot. **13**-961a.
BRASS BAND MOVEMENT **4**-41b.
Brasschaet, Belg. [**24**-29 C3]; **3**-355b.
Brasse (measure) **15**-138d.
BRASSEUR DE BOURbourg, Charles E. **4**-41c; **7**-581c.
Brassey, Lord Thomas **4**-41d.
—, **THOMAS** **4**-41c; **22**-570b.
—, Thomas A. **4**-42a.
Brassey, mts., W. Aus. Austr. [**24**-168 C4].
BRASSICA **4**-42a; **18**-981a; **11**-775d; *see also* Swede-turnip.
Brassey, Lord Thomas **4**-41d.
— alba: *see* White mustard.
— campestris: *see* Turnip, wild navew.
— juncea: *see* Sarepta mustard.
— napas: *see* Swede.
— napo-brassica: *see* White Swede-turnip.
— Napus var. oleifera: *see* Colza rape.
— nigra: *see* Black mustard.
— oleracea gemmifera: *see* Brussels sprouts.
— oleracea italica: *see* Broccoli.
— oleracea var. acephala: *see* Kale.
— rapa **18**-981a: *see also* Turnip.
— Rutabaga: *see* Yellow Swede-turnip.
— Sinapis: *see* Charlock.
Brass instruments **22**-964d.
— Lamp Pl. I. fig. 4 **13**-LAMPS, MODERN.
— **MANUFACTURES** **4**-42a.
Brassmen **20**-370b.
Brassó, Rum.: *see* Braşov.
Brass ornamental work: *see* Bronze and Brass Ornamental Work.
Brasstown, Nig. **16**-440a.
Brasstown Bald, mt., Ga. **10**-197d.
Brass trade **4**-45b.
— weight **15**-367b.
— wind instruments (mus.) **23**-646c.
Brassy (golf) **10**-503c.
Bratan, crater lake, Bali, Du. E.I. **2**-976d.
Bratescu-Voinesti, I. A. (Rum. writ.) **19**-656c.
Bratesul, lake, Rum.: *see* Bratych.
Brathay flag (geol.) **20**-680c.
BRATHWAIT, RICHARD **4**-45c.
—, Sir Thomas **4**-45c.
BRATIANO, ION C.: *see* Bratianu, Ion C.
Bratianu, Dimitri **4**-46a.
—, **ION** (states.) **4**-45c; **17**-299d; **19**-649c.
— **(BRATIANO), ION C.** (states.) **4**-46a; **19**-647c.
—, Vintila (states.) **4**-45d; **19**-651a fol.
BRATISLAVA, (POZSONY, Pressburg), Czech. [**24**-9 K3; **24**-40 C4; **24**-51 E2]; **4**-46b; map **1**-463; Slovak theatre **7**-618d; university **22**-866c; **22**-878b.
BRATLANDSDAL, gorge, Nor. **4**-46c.
Bratlie **16**-556c.
Bratsky (monastery, Kiev) **13**-376a.
Bratslav, **U.S.S.R.** [**24**-49 C45].
Bratt, Ivan **14**-193a; **21**-638d.
Brattahlid (Viking geog.) map **1**-750.
Brattalid, Green. **10**-861b.
BRATTICE **4**-46c.
BRATTISHING **4**-46c.
Brattle, William (Am.) **4**-46c.
BRATTLEBORO, Vt. [**24**-97 B4]; **4**-46c; **20**-749d.
Bratton, Henry of: *see* Bracton.
Bratton, Ky. [**24**-116 F2].
Bratt system: *see* Gothenburg Licensing System.
Bratych, lake, Rum. **9**-973a.
Brätz, Ger. [**24**-39 L1].
Braubach, Ger. [**24**-38 C3].
Brauer, F. **8**-621a fol.
Braule (dance): *see* Branle.
Braulieve, mts., Ire. **19**-353a.
Braulio **8**-424d.
Braun, Alexander **11**-28a.
—, Father **21**-434b.
—, Felix **2**-775d.
—, H. (athlete) **2**-619a.
—, Heinrich (au.) **4**-46d.
—, **KARL F.** **4**-46c; **12**-438c; **10**-665b.
—, **LILY** **4**-46d.
—, **OTTO** (states.) **4**-46d.
—, Otto (au.) **4**-46d.
—, Vilhelm von **21**-658a.
Braun, Oreg. [**24**-151 B2].
Braunau, Aus. [**24**-50 C2].
BRAUNAU, Czech.: *see* Broumov.
BRAUNER, BOHUSLAV **4**-47a; **2**-649b.
Braunfels, Ger. [**24**-38 D3].
Braunite **14**-797d.
BRAUNSBERG, Ger. [**24**-40 D1]; **4**-47a.
Braunton, Dev., Eng. [**24**-17 B3].
Braun tube **12**-438c.
Braunwald, Switz. [**24**-31 F3].
Brauron, Attica map **2**-659.
Brauronia (festival) **2**-450b.
BRAUWER, ADRIAN: *see* Brouwer, Adrian.
Braux, Fr. [**24**-25 K2].
Brava, It. Somlnd. [**24**-83 H2]; **20**-968d.
Brava, isl., Cape Verde **4**-792c.
Bravais, A. **11**-111b fol.
Bravaisite **5**-786c.
Brave, Pa. [**24**-106 A4].
—, S. Dak. [**24**-137 D3].
Brave Broke: *see* Broke, Sir Philip Bowes Vere.
Bravery dance **7**-15b.
Bråviken, bay, Swed. [**24**-45 G2].
BRAVO **4**-47a.
Bravo, riv., Mex.: *see* Rio Grande del Norte.
Bravonium, Rom. Brit. (Leintwardine, Hereford, Eng.) map **4**-160b; **20**-587c.
BRAVURA (mus.) **4**-47b.
Brawe, J. W. von **10**-224a.
Brawl (dance): *see* Greek Bracelet.
Brawle (dance): *see* Branle.
BRAWLEY, Calif. [**24**-155 F6]; **4**-47b.
BRAWLING **4**-47b.
Brawn (meat) **15**-147d.
Brawne, Fanny **13**-308c.
Brawny, Can. [**24**-90 D2].
Braxfield, Scot. **13**-638a.
Braxton, Carter **7**-126a.
Braxton, Miss. [**24**-119 C3].
—, W.Va. [**24**-111 C3].
Braxy **16**-35d.
Bray, Charles **8**-358d.
—, J. R. **15**-866b.
—, **SIR REGINALD** **4**-47c; **8**-510b.
—, Sir Richard **4**-47c.
—, **THOMAS** **4**-47d; **18**-612b; parish libraries **14**-22d.
BRAY, Berks., Eng. **4**-47d; **14**-34d.
—, Calif. [**24**-154 C2].
BRAY (Bri Chualand), Ire. [**24**-20 E3]; **4**-47d; **23**-589c; geology **12**-592c.
—, Minn. [**24**-134 B3].
—, Okla. [**24**-143 F4].
—, Ont., Can. [**24**-90 E2].
—, head, I.F.S. [**24**-21 A5; **24**-177 C4].
—, lake, Wicklow, Ire. **23**-589b.
—, val., Fr. [**24**-24 G2].
Braybrooke, Richard G. N., 3rd lord **17**-500c.
Braye, Cardinal de **8**-23d.
Brayera anthelmintica **13**-497c.
Brayford, Eng. [**24**-17 C3].
Brayley, Edward W. **4**-205a.
Braymer, Mo. [**24**-140 D2].
Braynford, dist., Middlesex, Eng.: *see* Brentford.
Brayshaw, T. **15**-624d.
Bray-sur-Seine, Fr. [**24**-25 J3].
— -sur-Somme, Fr. [**24**-25 H2].
Brayton, Ia. [**24**-138 C3].
—, Neb. [**24**-139 F3].
Brayton, S.Dak. [**24**-137 B1]
—, Tenn. [**24**-117 F2].
Braz, Le **4**-97c.
Braz, Wenceslau **4**-59d.
Braza (measure) **15**-138d.
Brazeau, Can. [**24**-91 B3].
—, mts., Can. [**24**-91 C3].
Brazed tube **4**-44b.
Brazen Mansion: *see* Lohapāsāda.
Brazen Serpent **20**-369c.
BRAZIER **4**-48a; il **4**-48a.
BRAZIL, country, S.Am. [**24**-160-165; **24**-2 J5; **24**-1; **24**-190, 191], **4**-48a; air service **4**-54c; army **4**-54b; art **4**-60a; boundary **1**-731c; boundary disputes **17**-625d, climate **4**-50a fol.; climate and indus. **17**-538c; coastal plain **4**-49a; defence **4**-54b, ethnol. **8**-781b; education **4**-52c fol.; **5**-962b; flag **9**-349a; Pl. **9**-FLAG; finance **4**-53b fol.; forestry **9**-502b, geology **4**-49d; **18**-428c, immigration **4**-51a fol., knighthood orders **13**-440c; learned societies **10**-139a; libraries **14**-18c; lit. **4**-60b; Minas Geraes **15**-522a; museums **15**-1004a; native hut il. **1**-735; navy **4**-54c; news. **16**-359b; people **4**-50d fol.; pop. **12**-905d; **21**-71c fol.; **18**-230d; **4**-51c; prostitution **18**-600d; religion **4**-53a; science **4**-60b.
—: *Agriculture:* cotton **6**-534a; **6**-531a; crops **4**-54c fol.; tobacco **22**-262c.
—: *Commerce and Industries* **4**-55c; aluminium **1**-718a; beef exports **15**-148c; Brit. trade **10**-714a; cacao **5**-947a; coffee Pl. I. and II. **5**-COFFEE; **5**-974a; diamonds **7**-317b fol.; rubber **1**-733c; timber **9**-504a; trade unions **22**-389b.
—: *Communications and Transportation:* railways **18**-920d; **4**-55d; railway electrification **18**-929d fol.
—: *Constitution and Govt.* **4**-51d fol.; electoral system **8**-135d; judicial power **4**-52b; payment of members **17**-400b; venereal diseases **15**-181b; women's suffrage **23**-711d.
—: *History:* A.B.C. powers **1**-26d; abolition **20**-783c; arbitration **2**-223a fol.; Bol. **3**-819d; boundary disputes **4**-48a fol.; discovery **18**-278c; **4**-56b fol.; early govt. **1**-748a; empire **4**-58b; exploration **3**-200c; Fonseca revolt **9**-450b; independence **18**-281b; **4**-57d fol.; Pan-Am. conferences **17**-177b fol.; Parag. **14**-387c; Paraguayan war **4**-58d; Pernambuco **17**-538d fol.; Republican period **4**-59a fol.; Triple Alliance War **15**-621c; World War **4**-59c.
—: *Minerals:* chrysoberyl **5**-665c; iron deposits **12**-650c; topaz **22**-297d; zirconium **17**-875b.
—, Ia. [**24**-138 E4].
BRAZIL, Ind. [**24**-127 A3]; **4**-61b.
—, N.Dak. [**24**-136 D1].
—, pond, Nfd. [**24**-93 B2].
— **(BRASIL)** (leg. is.) **4**-61a.
Brazil Block district, Brazil, Ind. **4**-61b.
Brazilian (chem.): *see* Ipecacuanha.
Brazilian Academy of Letters **4**-53a.
— arrowroot (food) **2**-434b; **9**-816c.
— cocoa **10**-932c.
— complex (geol.) **4**-49d.
— emerald (min.) **22**-326b.
Brazilian Guiana, dist., Braz. [**24**-162 E3; **24**-163 A3]; **4**-48d fol.; **10**-954d; *see also* Guiana.
Brazilian hare **11**-195a.
— Historical and Geographical Institute **4**-53a.
— isinglass **12**-707d.
— jabiru (bird) il. **12**-849.
— milk-tree **19**-989a.
— nutmeg (bot.) **16**-648b.
— pebbles (min.) **10**-582d: *see also* Quartz crystals.
— pine **2**-216b.
— tapir (animal) il. **21**-806.
Brazilin (chem.) **5**-386b fol.
Brazilite (min.): *see* Baddeleyite.
BRAZIL NUTS **4**-61b; **16**-646a; **17**-249a; Pl. fig. 3 **16**-NUT; tree **1**-734c.
Brazils, Ark. [**24**-120 C3].
BRAZIL WOOD (dye wood) **4**-61b; **5**-386b; **7**-804b; **12**-361d; **19**-985d.
BRAZING AND SOLDERING (met.) **4**-61c; **4**-40d.
Brazing spelter (solder) **20**-939c.
Brazito, Mo. [**24**-141 E3].
Brazoria, co., Tex. [**24**-123 G5].
—, Tex. [**24**-123 G5].
Brazos, co., Tex. [**24**-123 F4]; **4**-299a.
—, Tex. [**24**-123 E3].
—, mt., N. Mex. [**24**-148 C2].
—, riv., Tex. [**24**-123 F4; **24**-189 G4]; **9**-994a.
BRAZZA, P. P. F. C. S. DE, count **4**-62c; **21**-315d.
BRAZZA, isl., Yugos. [**24**-52 C3]; **4**-63a.
Brazzaville, Fr. Cong. [**24**-82 C3]; **9**-756d.
Brčko, Yugos. [**24**-52 D2].
Brda, forest, Czech. [**24**-39 J-K4].
—, riv., Pol. [**24**-40 C2]; **12**-366a.
Bré, mt., Switz. **14**-473b.
Brea, Calif. **9**-275a.
BREACH **4**-63b.
Breaches (land) **5**-923a.
Breach of contract (law) **1**-199d; **6**-997a fol.
— of promise of marriage (Eng. law) **3**-485a.
— **OF THE PEACE** **4**-63b.
— of warranty **19**-873d.
BREAD (food product) **4**-63c; **5**-452b; **5**-478c; **6**-372a; adulteration **1**-188a; aerated **1**-223d; baking **6**-368d; caloric value **7**-357b; early regulations **1**-380b; Eucharistic **2**-80d; flours **9**-404a; wheat types **23**-559d; wholesale prices **18**-472b.
— (milling) **9**-406c.
— (of net) **16**-246d.
—, House of (bibl.): *see* Bethlehem.
— Acts **4**-64b; **21**-565c.
BREADALBANE, JOHN Campbell, 1st Earl of **4**-65c.
BREADALBANE, dist., Perth, Scot. [**24**-18 D, E5]; **4**-66a.
Bread and Cheese Club **16**-387b.
— and Cheese War **11**-670a.
Breaden, lake, W. Aus., Austr. [**24**-168 D4].
BREAD-FRUIT **4**-66a; **3**-114b; **3**-718d; **6**-624a; **22**-416b.
"Bread-fruit Bligh": *see* Bligh, William.
Bread knife types **6**-908b.
— lines **18**-994b.
Bread Loaf, Vt. [**24**-97 B3].
BREAD MANUFACTURE **4**-66c; **2**-786d; fermentation **9**-174c; **2**-909d.
— nut **16**-646a fol.
Bread-nut tree **6**-624a.
Bread Street Club: *see* Friday Street.
Breadth-index: *see* Cephalic index.
BREAD TICKET **4**-68c.
— wheat **23**-559b.
Bread-Winners, The (nov., Hay) **1**-791b; **11**-281b.
Bread-wrapping machine Pl. II. fig. 6 **2**-AUTOMATIC MACHINERY.
Break (mus.) fig. 1 **12**-982.
— (vehicle): *see* Drag.
Breakabeen, N. Y. [**24**-103 F3].
Break-down action **17**-966a.
Breaker (machine) **16**-880d; **17**-237a; *see also* Interrupter.
— card (mfr.) **13**-216d.
— plough: *see* Lea plough.
Breakers, The (bldg., Newport, R.I.) **11**-918b.
Breakfast **6**-372a.
— Club (Eng.) **5**-860c.
Breaking (mfr.) **9**-364c; **17**-231a.
— **BULK** (naut.) **4**-68d.
— joint (masonry) **3**-843d.
— load (mech.) wire rope **23**-675d.
— of the Images (rel.) **23**-621b.
Breaksea, sd., N.Z. [**24**-173 A6].
Breakspeare, Nicholas (pope): *see* Adrian IV.
BREAKWATER **4**-68d.
BREAL, MICHEL JULES Alfred (Fr. philol.) **4**-80c.
Bream, Eng. [**24**-17 D3].
—, bay, N.Z. [**24**-172 E1].

BREAM (fish) **4**-80c; **1**-940b; **1**-941c; fig. 7 **7**-438.
Breamore, Eng. [**24**-15 B5].
—, priory, Hants., Eng. **11**-138b.
Bréard, L. (athlete) **2**-615b.
Brearley (met) **21**-297c.
BREAST (anat.) **4**-80d, cancer **21**-693d, **4**-731c fol.
— (of plough): *see* Mouldboard.
— bone (anat.): *see* Sternum.
BREASTED, JAMES HENRY (Am. orient., hist.) **4**-80d.
Breast mark (hydrography) **5**-304b.
BREASTPLATE (armour) **4**-81a, ll. **2**-394d.
Breast stoping (mining) **15**-545c.
— -strap (harness) **19**-805a.
— stroke (swimming) **21**-664b; fig. 1 **21**-664.
— -summer (arch.): *see* Bress.
— sweetbread **21**-659d.
BREASTWORK (mil.) **4**-81a.
Breath **7**-108c.
Breathe (of net): *see* Bread.
Breathedsville, Md. [**24**-108 B1].
Breathing (physiol.): *see* Respiration.
Breathings (signs) **10**-823c.
Breathings, Book of (Egy. rel.) **8**-60b.
Breathitt, co., Ky. [**24**-116 G3].
Breath of Life, The (monograph, Catlin) **5**-43a.
BREAUTE, FALKES DE (mil. adventurer) **4**-81a; Hubert de Burgh **4**-402a; revolt of **5**-4d; Henry III. **8**-489c.
Breaux (Scot. fam.): *see* Bruce.
Breaux Bridge, La. [**24**-121 C3].
Brebes, Java **17**-444d.
Brébeuf, Guillaume de (Fr. poet) status of **9**-787c.
Brebow, von (Ger. athlete) **2**-616a.
BRECCIA (petrol.) **4**-81b; **20**-271a.
Brécey, Fr. [**24**-24 D3].
Brech, Fr. [**24**-25 C4].
Breche, Charles de **17**-151a.
Brèche, Fr. [**24**-24 H2].
Brèche Nappe Alps (geol.) **1**-693b.
Brechenmacher, G. (Ger. athlete) **2**-621d.
Breche rose (marble) Pl. II. fig. 1 **14**-MARBLE.
Brechin, Ont., Can. [**24**-90 C2].
BRECHIN, Scot. [**24**-18 F5; **24**-12 B1]; **4**-81c; Baliol's surrender, 1296 **2**-978d; industries **9**-507d; pop. **9**-508a.
Brechites javana (animal): *see* Watering-pot shell.
Bréchou, Chan. Ils. **5**-229c.
Brecht, Belg. [**24**-29 C3].
Brechter, Martin **11**-13a.
Breck, James Lloyd (Am. cler.) **18**-612d.
Breckenridge, Colo. [**24**-147 D2]; **6**-47c.
—, Ill. [**24**-129 C4].
—, Minn. [**24**-135 B5].
—, Mo. [**24**-140 D2].
—, S.Dak. [**24**-137 B1].
—, co., Ky. [**24**-116 D3].
BRECKENRIDGE, Tex. [**24**-128 E3]; **4**-81d; oil wells **17**-663d.
—, pass, Colo. **6**-43c.
Breckerfeld, Ger. [**24**-38 C2].
Breckinridge, John (Am. pol. d. 1806) **4**-81d.
—, **JOHN CABELL** (Am. pol., sol.) **4**-81d; **22**-807d, **7**-187a.
Breckinridge, Okla. [**24**-143 F2].
Breckling, Friedrich (Du. mystic) **10**-338b.
Brecknock, earl of: *see* Camden, John Jeffreys Pratt, 2nd earl and 1st marquess.
— **(ABERHONDDU)** **4**-82a.
—, co., Wales: *see* Breconshire, co., Wales.
Brecknock Beacons, mt., Wales [**24**-177 E5].
BRECKNOCKSHIRE, co., Wales: *see* Breconshire.
BRECON, Wales [**24**-16 C3].
Brecon Beacons, mt., Wales [**24**-16 C3]; **4**-82c; **23**-291a.
— canal, Monm., Eng. **15**-728a.
BRECONSHIRE (BRECKNOCKSHIRE), co., Wales [**24**-16 C3]; **4**-82b; **4**-83b; **23**-292a.
Brécourt (Mlle. de) **19**-998b.
Brécourt (battle, 1793) Fr. Revol. **9**-640b.
Bred, Den. [**24**-46 C3].
BREDA, Holl. [**24**-28 C3]; **4**-83c; siege, 1624-25 **21**-231b; **11**-657a; **11**-657b.
—, Peace of (1667) **7**-777d; disposition of St. Lucia **19**-846d, Gold Coast **10**-488b, J. Dewitt's influence **7**-299b; negotiated by G. Estrades **8**-742c; Nova Scotia returned to Fr. **16**-571a; provisions **5**-272d.
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—, riv., Den. [**24**-46 A3].
Bredelar, Ger. [**24**-38 D2].
Bredero, Gerbrand Adriaensz (Du. dram.) **7**-616a; **17**-907a; **7**-773a.
BREDERODE, HENRY, Viscount of (of Holland) **4**-83d; **23**-621a; **10**-954b.
Brederode (castle, Neth.) **16**-534b.
Bredette, Mont. [**24**-144 F1].
Bredevoort, Holl. [**24**-28 E3].
Bredichin, Theodore (Russ. astron.) **6**-104c.
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Breeches (stage) **4**-84a.
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— buoy in life-saving (U.S.) **14**-50a; **4**-84a; Pl. II. fig. 3 **14**-LIFE BOAT AND LIFE-SAVING SERVICE.
Breeching (harness) **19**-805a; **4**-84a.
Breech-loading (gun) descr. **16**-859c; development of **10**-986d fol.; infantry use **12**-331b; mechanism **16**-863b; naval use **16**-868d; fig. 3 **16**-857; Seven Weeks War **15**-680c.
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Breidi, fjord, Ice. map **2**-295 (I4).
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BREMEN, Ger. [**24**-9 H2]; **4**-89b; **4**-89b; aerial view Pl. II. fig. 5 **11**-HARBOURS; air lines map **1**-463; Altbremer or Essig House (1618) Pl. VI. fig. 3 **10**-GERMANY; chamber of commerce **22**-367d; history **4**-89c; shipyards Pl. II. fig. 6 **10**-GERMANY; town hall gable **9**-962c.
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—, Berne, Switz. [**24**-30 C3].
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Bremo Bluff, Va. [**24**-110 F3].
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Bremond, Tex. [**24**-123 F4].
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—, SIR JA
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Brentwood,
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—, Neb. [**24**-
—, Ont., Can.
"Breslau" (
World War
1918 **23**-787
Bresle, Fr. [**2**
—, riv., Fr. **1**
Bresnahan,
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—, Ga. [**24**-11
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140d; Ruth

joined R. C. **19**-408d; **19**-772a.
Brest-Litovsk, prov., Pol.: *see* Polesie, prov., Pol.
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"Bretagne" (French battleship) **3**-223b fol.; Pl. fig. 5 **3**-BATTLESHIP.
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—, sd., La. [**24**-121 E4].
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—, Laurent M. (gen.) **4**-108c.
BRIAN (Ir. king) **4**-108d; **12**-601a fol.; **22**-148a; **7**-263a.
Briance, riv., Fr. [**24**-26 E2].
Brianchon (math.) **18**-157b.
BRIANÇON, Fr. [**24**-27 K3]; **4**-109a; **11**-257a; **20**-749b.
— manna **14**-816b.
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Brymbo, Wales **7**-199a.
Bryn-amman, Wales [**24**-17 C3].
— -crug, Wales [**24**-16 B2].
— Eglwys, Wales [**24**-16 C1].
Brymer, Pa. [**24**-106 B2].
Bryn G'las **8**-500a.
Brynhild: *see* Brunhild.
Brynhilda (O. von Dalin) **21**-656c.
Bryniulf **12**-54c.
BRYNMAWR, Brecons. Wales [**24**-17 C3]; **4**-301c; **4**-83b.
—, Pa. [**24**-107 F3].
BRYN MAWR COLLEGE, Phila., Pa. **4**-301c; **22**-874d; **23**-703d.
— Park, N. Y. [**24**-104 E1].
Bryn Paulin, hill, St. Asaph, Wales **19**-823a.
Brynstone: *see* Brimstone.
Bryonia dioica: *see* Bryony, white.
BRYONY (bot.) **4**-301d; **6**-845c; fig. 1 **6**-845.
—, black **4**-301d.
—, white **4**-301d.
Bryophyllum **6**-645d; fig. 12 **21**-381.
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Bryrup, Den. [**24**-46 B2].
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—, S.C. [**24**-113 B2].
— City, N.C. [**24**-112 B2].
— College (Tennessee) **21**-934b.
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Brythons **4**-158d; **5**-102d.
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Brzeżany, Pol. [**24**-41 G4].
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BRZOZOWSKI, THADDEUS (Russ. Jesuit) **4**-307a.
B.S. (abbrev.) **1**-23d; **22**-875a; **7**-142c.
B.Sc. (abbrev.) **1**-23d, (degree) **7**-142c.
bsTan-hgyur: *see* Tanjur.
B.Th. (abbrev.) **1**-23d; **12**-433a; *see also* British Thermal Unit; Board of Trade Unit.
"B" tube **16**-862c.
bu. (abbrev.) **1**-23d; **15**-138d.
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Bua, riv., Nyasaland [**24**-83 F5]; **16**-655b.
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—, Louis de: *see* Frontenac.
— Etive, mts., Scot.: Glencoe **10**-426c.
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Bual **14**-609a.
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— arni: *see* Aruee.
— buffelus: *see* Buffalo.
— buselaphus: *see* Bubal hartebeest.
— caama (animal species): *see* Cape hartebeest.
— caffer (zool.): *see* Cape buffalo.
— cama: *see* Hartebeest.
— cokei (animal species): *see* Coke's hartebeest.
— Lelwel: *see* Lelwel hartebeest.
— lichtensteini: *see* Lichtenstein hartebeest.
— major: *see* Western hartebeest.
— nanus: *see* Dwarf buffalo.
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BUBONIC PLAGUE: *see* Plague.
Bubo **23**-42d.
— virginianus: *see* American great horned owl; Great horned owl; Eagle owl.
— virginianus arcticus: *see* Arctic horned owl.
— virginianus elachistus: *see* Dwarf horned owl.
— virginianus pacificus: *see* Pacific horned owl.
— virginianus pallescens: *see* Western horned owl.
— virginianus saturatus: *see* Dusky horned owl.
— virginianus subarcticus: *see* Arctic horned owl.
Bubu, riv., Tanganyika Terr. [**24**-83 G4].
Bubwith, Eng. [**24**-14 C2].
Bubye, S.Rhod. [**24**-81 E2]
Buca, Fr. Equat. Af. [**24**-82 C1].
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Bucarest treaty (1812) **20**-343d; (1886) **20**-345b.
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Bucatunna, Miss. [**24**-119 D4].
—, cr., Miss. [**24**-119 D4].
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Buccaneer, archip., W. Austr. [**24**-168 C2].
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Bucca porca (nick.): *see* Sergius IV.
BUCCARI, Yugos. **4**-308d.
Buccaric, castle, Yugos. **4**-308d.
Bucchero **8**-788c.
— nero **18**-343d.
BUCCINA (instru.) **4**-308d; **22**-530a; **19**-795a; **22**-509d.
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— undatum: *see* Whelk.
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—, Henry Scott, 3rd duke **18**-841d.
—, co., Austr. [**24**-171 J5].
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—, Scot. **8**-790b.
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Bucey, Fr. [**24**-25 L4].
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—, J. J. C. **23**-694a.
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—, **LUDWIG** **4**-313d; **17**-755c; **10**-227b.
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— camphor **4**-682a.
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—, **DUDLEY** **4**-313d; **20**-995b; **16**-18c.
—, N.S.W., Austr. [**24**-171 K3].
—, W.Va. [**24**-111 C4].
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— state (Ohio) **16**-730c: *see* Ohio.
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Buck Fork, Oreg. [**24**-151 B4].
Buckgrove, Ia. [**24**-138 B3].
BUCKHANNON, W.Va. [**24**-111 C3]; **4**-314c.
—, riv., W.Va. [**24**-111 C3].
Buckhart, Mo. [**24**-141 E5].
Buckhaven, Scot. [**24**-19 E5; **24**-12 A1].
Buck Hill, N.J. [**24**-105 B3].
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—, N.Mex. [**24**-148 A5].
—, Pa. [**24**-107 E2].
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Buckhurst, lord **14**-1006a.
— Hill, Ess., Eng. **3**-724c.
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Bucking (bleaching) **3**-711d.
BUCKINGHAM, EARLS, Marquesses and Dukes of **4**-314d.
—, Anna E., marquise **5**-226b.
—, Anne, countess of **4**-315a.
—, Catherine, duchess **4**-318b.
—, Edward Stafford, 3rd duke **4**-318c; **21**-279d.
—, George N. T. Grenville, marquess **4**-315b.
—, **GEORGE VILLIERS**, 1st duke of **4**-315d; **8**-519b; **5**-266b fol.; **2**-394d; **8**-359c; **9**-38a; **13**-801a.
—, **GEORGE VILLIERS**, 2nd duke of **4**-317a; **4**-318b.
—, **HENRY STAFFORD**, duke **3**-318b; **21**-279d; **8**-507a.
—, Humphrey Stafford, duke **4**-315a; **6**-606a; **21**-279c; **14**-731b.
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—, Thomas of Woodstock earl: *see* Gloucester.
—, William A. **6**-270c; **22**-807b.
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—, co., S.Austr. [**24**-170 E6].
—, co., Tas. [**24**-171 H9].
—, co., Va. [**24**-110 F3].
— and Chandos, Richard Grenville duke **5**-226b.
— and Normanby, Catherine Stuart, duchess **12**-879a.
— and Normanby, Edmund, Sheffield, 2nd duke **4**-319a.
— **AND NORMANBY, JOHN** Sheffield, 1st duke **4**-318d; **7**-343a.
— and Normanby, Edmund Sheffield, 2nd duke **4**-315a.
—, Colo. [**24**-147 G1].
—, Conn. [**24**-101 C1].
—, Bucks., Eng. [**24**-15 C3]; **4**-319b.
—, Ia. [**24**-138 E2].
—, Ill. [**24**-128 D2].
—, Que., Can. [**24**-89 A3].
—, Va. [**24**-110 F3].
— college (Cambridge): *see* St. Mary Magdalene.
— House (Lond.) **23**-804a.
— Palace (Lond.) **4**-226a; **5**-715b; **14**-353a.
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Buck-jumper (horse) **4**-314a.
BUCKLAND, FRANCIS T. **4**-321b.
—, Henry S. Berry, 1st Lord **3**-461d.
—, **WILLIAM** **4**-321b; **10**-374c.
—, co., N.S.W. Austr. [**24**-171 K3].
—, Conn. [**24**-101 C1].
—, Mass. [**24**-98 B1].
—, O. [**24**-124 A3].
—, Vict., Austr. [**24**-171 H6].
—, tableland, Queens., Austr. [**24**-169 C3].
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BUCKLE, GEORGE EARLE (ed.) **4**-321c, **16**-337c.
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—, Mich. [**24**-131 F5].
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BUCKMASTER, STANLEY O. 1st baron (law.) **4**-321d.
BUCKNER, SIMON BOLIVAR (Gen.) **4**-322a; **7**-527d.
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—, Mo. [**24**-140 C2].
—, N.C. [**24**-112 C2].
Buckow, Ger. [**24**-39 K1].
Buckpool, Banffshire, Scot. **4**-314d.
BUCKRAM (fabric) **4**-322a; **3**-859b.
Buckrange, Ark. [**24**-120 B4].
Buckroe, Mich. [**24**-130 D3].
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—, Calif. [**24**-154 C3].
— Green, Eng. [**24**-15 C4].
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Buckskin, Ind. [**24**-127 A4].
Bucksport, Me. [**24**-96 D4].
—, S.C. [**24**-113 E3].
— Center, Me. [**24**-96 D4].
BUCKSTONE, JOHN BALDWIN (Eng. act.) **4**-322a.
Bucksville, S.C. [**24**-113 E3].
Bucktail, Neb. [**24**-139 C3].
BUCKTHORN (bot.) **4**-322b; **4**-599c; **5**-82d; **5**-976b; **4**-960d.
Bucktown, Md. [**24**-106 C2].
BUCKWHEAT (bot.) **4**-322c; **1**-409d; **18**-183c; **20**-478b.
Bucky diaphragm: *see* Potter.
Bucoda, Wash.[**24**-150 C4].
Bucoleon: *see* Hormisdas.
Bucolic caesura **22**-56a.
— idyll **5**-774a.
BUCOLICS (lit.) **4**-322c; **22**-56a; **5**-775b; **18**-543b; *see also* Eclogues.
— (Fr.) **19**-933c.
Bucorvinae (birds): *see* Ground hornbill.
Bucovina, div., Rum. [**24**-53 C2].
Bucquet, J. B. M. **9**-563c.
Buctouche, N.B., Can. [**24**-88 E2].
—, riv., N.B., Can. [**24**-88 E2].
Bucuresti, Rum.: *see* Bucharest.
Bucyro, Mo. [**24**-141 E4].
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—, N.Dak. [**24**-136 B3].
BUCYRUS, O. [**24**-124 C3]; **4**-322d.
Buczacz, Pol. [**24**-41 G4]; **22**-604b.
Bud, W.Va. [**24**-111 B4].
BUD (bot.): *see* Flower; Leaf; *see also* **21**-380a; **13**-828d; **1**-925a.
Buda, Hung. **4**-322d.
—, Ill. [**24**-128 C2].
—, Neb. [**24**-139 F4].
Budaeus, Guillaume (Fr.): *see* Budé.
Buda kale (plant) **13**-243a.
Budan, F. D. **8**-668a.
Budantsar (Mongol) **15**-716d.
BUDAPEST, Hung. [**24**-51 F3; **24**-3 N2; **24**-6 J6; **24**-9 K4]; **4**-322d; map **1**-463; Pl. I. fig. 1 **10**-GOVERNMENTAL ARCH.; Pl. II. figs. 1 and 2 **11**-HUNGARY; **16**-353c; **22**-866c; **22**-872b.
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BUDAUN, India [**24**-65 D3]; **4**-324d.
Bud-capital (arch.) **8**-51a.
Budd, Ill. [**24**-128 D2].
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Buddayya, Arab. [**24**-62 E2].
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Cardamum, isl., Lac. Is., Ind. O.: *see* Kadmat, isl.
Cardan, Giovanni Battista 4-848d.
—, **GIROLAMO** (Geronymo or Hieronimo: It. math.) 4-848c; camera obscura 4-650c; 17-800b; J. C. Scaliger 20-44c; algebra 14-152a.
—, Hieronymus (Sp. monk) 18-326d.
—, Jerome 7-101b.
Cardano, Facio 4-848c.
Cardano, Girolamo: *see* Cardan, Girolamo.
Cardan universal joint (mech.) 15-892c.
CARDBOARD 4-849a; batik 3-210a.
— cipher: *see* Trellis cipher.
"Cardboard Lover, The" (motion picture) Pl. VIII. 15-MOTION PICTURES.
Carded yarn 6-555b.
Carden, Sackville 23-780c.; 23-782c.
Cardeña, Sp. 9-902b.
CARDENAL, PEIRE (Fr. troubadour) 4-850a; 22-500a.
Cárdenas, Garcia López de 10-631c.
—, P. de 7-593d.
CARDENAS (San Juan de Dios de Cárdenas), Cu. [24-157 B2]; 4-850b.
—, N.C. [24-112 G2].
Carden-Loyd type tank (mil.) Pl. I. fig. 5 21-TANKS.
Cardew, Michael 18-360c.
—, Maj. (phys.) 12-441c.
Card games 23-173b.

Cardiac action (physiol.) **17**-509a.
— arrhythmia (med.) **11**-309d.
— asthma (med.) **2**-572a.
— centre (anat.) **4**-10d.
— cycle (physiol.) **22**-1000d fol.; fig. 5 **22**-1000.
— depressant (drug) **7**-382c.
— dilatation (med.) **11**-309b.
— dropsy (med.) **7**-672b.
— hypertrophy **1**-129b.
— muscle (anat.) **11**-592a; **15**-982c; **22**-998d; **22**-1000c.
— output (physiol.) **22**-1006c.
— plexus (anat.) **16**-240c.
— portion (anat.): *see* Fundal portion.
— stimulant (drug) **7**-382c.
Cardiff, Ill [**24**-128 D2].
—, Md. [**24**-109 C1].
—, N.J. [**24**-105 B3].
—, Tenn. [**24**-117 G2].
CARDIFF, Wales [**24**-17 C3; **24**-8 E3; **24**-11 C5]; **4**-850b; chamber of commerce **22**-361a; coal-fields **10**-390d; docks **7**-473b; fish landings **9**-298a; lock gates fig. 23 **7**-479; poor relief **18**-218d; Rom. fort **4**-162b; map **4**-160; Technical Coll. **4**-851b.
— castle **10**-390b.
— giant (sculp.) **9**-522d.
— Railway Co. **4**-851d.
CARDIGAN, JAMES THOMas Brudenell, 7th earl of 4-852a; Balaclava **2**-949b; light brigade **14**-84c; murder trial **4**-677d.
—, co., Wales: *see* Cardiganshire.
CARDIGAN, Wales [**24**-16 B2; **24**-11 B4]; **4**-852b.
—, bay, P.E.I. [**24**-88 G2].
—, bay, Wales [**24**-16 B2; **24**-10 B4; **24**-177 D4]; **4**-852d.
—, str., Arct. map **2**-295 (C2).
— (fabric) **11**-786b.
CARDIGANSHIRE, co., Wales [**24**-16 B2; **24**-11 B4]; **4**-852b; **10**-724c fol.; **23**-292a.
Cardim, Fernão **18**-293b.
CARDINAL (cler.) **4**-853d; **4**-855a; **17**-201d; **19**-406d; **23**-7b.
—, Ont., Can. [**24**-90 E2].
—, College, Eng.: *see* Christ Church, college, Oxford.
Cardinal, The (Shirley) **20**-564d.
Cardinal (zool.) Pl. II. fig. 5 **3**-BIRDS.
— beetles **6**-4c.
— bishop **4**-853d.
— buoyage system: *see* Compass buoyage system.
— camerlingo (cler.) **23**-9a; **4**-854c.
— deacons (clerg.) **4**-854b; **19**-406d.
— **FLOWER** (plant) **4**-855d.
"Cardinal Gonsalir" (Lawrence) **13**-798c.
— grosbeak (Cardinalis cardinalis) (zool.) **10**-905d.
—, larkspur (plant) **7**-175b.
— number (arith.) **2**-355d; **21**-153d; **15**-83c; **15**-86c fol.; **16**-600c; **19**-430b.
— palatine (cler.) **23**-8b.
— priest (cler.) **4**-854a.
CARDINALS, COLLEGE OF 4-855d; **4**-853d fol.; bull of Nicholas II. **8**-407a; conclave duties **6**-203a fol; *see also* Sacred College of Cardinals.
— secretary (cler.) **19**-406d.
Cardinals in petto (cler.) **4**-855b.
Cardinal vein (anat.) **23**-30b.
— vicar (cler.) **2**-289a.
— **VIRTUES** (ethics) **4**-856a; Aristotelian theory **8**-764c; Christianity **8**-771a; Platonic theory **8**-763c.
— vowels (speech) **17**-775b.
CARD INDEX 4-856b.
Cardine (compass) **6**-177a.
Cardinello, gorge, Switz. **21**-252b.
CARDING (in spinning) **4**-856c; **13**-216d; **23**-733b; fig. 24 **6**-573; cotton machinery Pl. 6-COTTON AND THE COTTON INDUSTRY; wool, India, carpet manufacture Pl. XII. fig. 2 **19**-RUGS AND CARPETS.
Cardington, Eng. (Airship Works) **1**-473b.
—, O. [**24**-124 C3].
Cardiocaryon (bot.) **23**-310c.
Cardioderma (zool.) **5**-599c.
Cardioglossa (frog) **9**-861b.
CARDIOID: *see* Curves, Special.
CARDIOLOGY: *see* Heart, Diseases of the.
Cardiometer Henderson's fig. 9 **22**-1002.
Cardio-pericardial vesicle (anat.) **22**-552d.
— -respiratory murmurs (med.) **11**-310b.
Cardioscope **11**-310d.
Cardium, Cardium edule (animal): *see* Cockle.
Cardium (fossil) **8**-632a; **3**-685c.
Card ledger **3**-867b.
— method (library system) **14**-7d.
Cardo (street, Pompeii): *see* Stabiana.
— (zool.) **12**-407b.
Cardona, Raymundo de **9**-392d; **18**-999d.
CARDONA, Sp. [**24**-33 G2]; **4**-856d; salt-hills **3**-102d.
Cardoner, riv., Sp. **14**-823c; Cardona **4**-856d.
CARDOON (plant) **4**-857a.
Cardoza, T. W. (pol.) **15**-604b.
"Card Players" (paint. Ostade) **16**-954d.
Card process (wood) **22**-221c.
Cardross, Henry E., third lord **18**-271a.
—, John E., lord: *see* Mar.
Cards, greeting **4**-849c.
—, **PLAYING 4**-857a; bridge **4**-123b fol.; caricature **4**-864d; Chin. il. **4**-858; divination **7**-451a; dominoes **7**-520b; Pers. il. **4**-857; It. il. **4**-858; see also *under* Specific Names.
— scientiall **4**-857d.
—, visiting: *see* Visiting cards.
Cardston, Alta., Can. [**24**-91 C4].
Card tricks **6**-263b.
CARDUCCI, BARTOLOMMEO (It. paint.) **4**-858d.
—, Francesco **9**-393b.
—, **GIOSUE** (It. poet) **4**-858d; **3**-823d; work **12**-747c.
—, Michele **4**-858d.
—, Vincenzo **4**-858d.
Carduchi (people): *see* Kurds.
— (tribe, Asia M.) **15**-172c.
Carduchia, anc. Pers. map **17**-548 (C2).
Carduchians (tribe) **17**-572b.
Carducho, Bartolommeo (It. paint.): *see* Carducci.
Carduelis caniceps **10**-491d.
— carduelis: *see* Goldfinch.
— linaria (bird): *see* Lesser redpoll.
Carduus **6**-184b.
— nutans: *see* Muskthistle.
Cardville, Me. [**24**-96 D3].
CARDWELL, EDWARD (Eng. theol.) **4**-859b.
—, **EDWARD C.**, viscount, (Brit. states.) **4**-859b; army reform **10**-680b; **10**-682a.
—, co., Austr. [**24**-170 D6].
CARDWELL, Queens., Austr. [**24**-169 C2]; **4**-859d.
—, Mont. [**24**-144 C3].
Car dyke, Fens, Eng.: *see* Caer dyke.
Care (pol.) **1**-184d.
Careenage, ravine, U.S.S.R. **12**-362c.
Career officer (consul) **6**-324c.
Careg Cennen, Wales [**24**-17 C3].
Carei Mári (Nagy Karbly), Rum. [**24**-53 B2].
Carel, Va. [**24**-110 H3].
Carel end Elegast (Du. poem) **7**-771b.
Careless Husband, The (play, Cibber) **5**-691b.
Carelhaugh, Selkirkshire, Scot.: *see* Carterhaugh.
Carem, S.C. [**24**-113 C2].
Carême, Marie-Antoine (Fr. cook) **6**-367d; **10**-56d.
Carencro, La. [**24**-121 B3].
Carene (chem.) **21**-953a.
Carentan, Fr. [**24**-24 D2].
Carentoir, Fr. [**24**-24 C4].
Carery, Matheo **21**-406d.
Caretakers (indus.) **7**-515c.
Caretta caretta (reptile): *see* Loggerhead turtle.
Caretto, Ilaria del **7**-170a.
Carettochelydidae (turtle) **22**-310a.
Carettochelys **19**-194b.
— insculpta (turtle) **22**-310a.
CAREW, SIR GEORGE (Eng. dipl.) **4**-859d.
—, George, earl of Totnes: *see* Totnes.
—, James (Am. act.) **21**-972d.
—, Odo de (Fitz Gerald) **9**-332d.
—, Sir Peter (Eng.) **12**-607a.
Carew, Raymond le G. de: *see* Fitzgerald.
—, **RICHARD** (Eng. poet) **4**-859d.
—, Sir Richard (Eng. writ.) **4**-860a.
—, **THOMAS 4**-860a.
—, Wales [**24**-17 B3].
—, arms fig. 5 **11**-465.
Carewicz Aleksy (dram.) Merezhkovsky **15**-277c.
Carex (plant genus) **6**-929b.
— (sedges): *see* Sedge.
— ampullacea fig. 1A **6**-929.
— arenaria: *see* Sea-Bent.
— riparia fig. 1 **6**-929a.
Carey, Ann **13**-305d.
—, George, earl of Totnes: *see* Totnes.
—, **HENRY** (Eng. poet and mus.) **4**-860b.
—, Henry, 1st baron Hunsdon: *see* Hunsdon.
—, **HENRY C.** (Am. econ.) **4**-860c; Dühring **7**-719d.
—, Mathew (Am. econ.) **4**-860c; **3**-881a.
—, Robert, 1st earl of Monmouth: *see* Monmouth.
—, **WILLIAM** (Eng. schol.) **4**-860d; Baptist **3**-88a; India **15**-598d; **15**-596c.
—, Ark. [**24**-120 C4].
—, Ida. [**24**-145 E6].
—, O. [**24**-124 B3].
—, Tex. [**24**-122 D2].
—, isls., Green. [**24**-87 P1].
—, lake, Austr. [**24**-168 C4; **24**-192 B2].
— Act (1894, U.S.) **13**-682b.
— Foster method **4**-586d.
Careyhurst, Wyo. [**24**-146 G3].
Careysbrook, Va. [**24**-110 F3].
Careysburg, Lib. [**24**-80 B4].
Careywood, Ida. [**24**-145 B1].
Carga (weight) **6**-35b.
Cargados, isls., Ind. O. **15**-107d.
Cargelligo, Austr. [**24**-171 H4].
Cargile, Ark. [**24**-120 C4].
Cargill, David (Scot.) **4**-661c.
—, David Sime **4**-432a.
—, **DONALD 4**-860d.
—, Scot. [**24**-18 E5; **24**-12 A1].
CARGO (ship-load) **4**-861a.
— affreightment **1**-280b.
— cranes (mech.) **7**-485c.
— (goods) jettisoning **1**-282b.
— liner (ship) **20**-517d; Pl. I. fig. 7 **20**-SHIP; **20**-533.
— (marine) **2**-795b.
— pier, Phila., Pa. fig. 29 **7**-482.
— ships **20**-554b.
Carhaix, Fr. [**24**-25 B3].
Carham, (battle, 1018) **20**-155c; Strathclyde kings **21**-461b.
Carhue, Arg. [**24**-165 D4].
CARIA, anc. dist., Asia M. **4**-861a; dogs sacrificed **6**-928c; Gr.-Pers. Wars (c. 496 B.C.) **10**-591c; Hellenism **11**-403d; Ptolemaïc invasions **18**-732b fol.
Caria, Rom. Emp. map **19**-501 (H4).
Cariaco, gulf, Venez. **23**-49d.
Cariahy, riv., Braz. [**24**-163 B4].
CARIAMA: *see* Seriema.
Carian (lang.) **2**-543b; **1**-684b.
Carians (people) **4**-861b; **13**-901b.
CARIBAN (Carib) **4**-861c; **5**-129b; il. **23**-536c; **4**-200d; **18**-264d; Carayan similarity **4**-829c; huts **7**-785d; origin **10**-941b; **21**-78a; **5**-141a.
Caribbean, mts., Venez.: *see* Coast range.
CARIBBEAN, sea, C.Am. [**24**-157 C4; **24**-190 B1; **24**-2 H4; **24**-1]; **4**-861d; il. **4**-862.
— series (geol.) **22**-478b.
CARIBBEE ISLANDS (W.I.) **4**-864a.
Cariben, Venez. [**24**-162 D2].
—, rapids, S.Am. **16**-903c.
Caribert **6**-973d.
Cariboo, Can. [**24**-92 E4].
—, goldfields, Can. [**24**-92 E4].
—, lake, Can. [**24**-92 E4].
—, mts., Can. [**24**-92 E4]; **20**-311c; **1**-525d; *see also* Reindeer.
Caribou, Me. [**24**-96 E2].
—, Minn. [**24**-134 B3].
—, Nfd. [**24**-93 B2].
—, co., Ida. [**24**-145 G7].
—, isl., N.S., Can. [**24**-88 G3].
—, lake, Me. [**24**-96 C3].
—, mts., Ida. [**24**-145 G6].
CARIBOU (animal) **4**-864a; **19**-80c; **3**-555a; **7**-135d.
— -Eaters **4**-704a.
— **HIGHWAY**, Can. **4**-864a.
Caribrod, Yugos. [**24**-52 F3].
Carica Papaya: *see* Papaya.
Caricari, Braz. [**24**-160 C2].
CARICATURE 4-864b; mus. **18**-565b; *see also* Cartoon.
Caricature, La (Fr. journal) **7**-71c; **4**-867c.
Caricatures of Twenty-five Gentlemen (Beerbohm) **3**-315d.
Caricature Provisoire, La (Fr. periodical) **4**-867c.
Carichic, Mex. [**24**-158 C2].
Caricoid facies **14**-703d.
Caries **7**-222d; **7**-826a.
CARIGARA, P.I. **4**-871d.
Carignan, Fr. [**24**-25 L2].
CARIGNANO, It. **4**-872a.
Carihuairazo, mt., Ec. **7**-934d.
Carilef, William of: *see* William of St. Calais.
Carillon, Que., Can. [**24**-89 A3].
CARILLON (bells) **4**-872a; **3**-374d.
—, Ft., N.Y.: *see* Ticonderoga, Ft.
Carimama, Dah. [**24**-80 E3].
CARINA (constellation) **4**-872c; Pl. II. **21**-STAR.
Carinae η (star) **2**-331a.
Carinal flower **9**-411b.
CARINATAE 4-872c; **18**-996a.
Caringer, Tenn. [**24**-117 G2].
Carinhanha, Braz. [**24**-164 B3; **24**-163 D5, **24**-160 E4].
—, riv., Braz. [**24**-164 A3; **24**-163 D5] **19**-983b.
—, riv., Braz. [**24**-164 A3; **24**-872c.
Carinomidae **16**-210b.
CARINTHIA, prov., Aus. [**24**-50 C3]; **4**-872c; costumes Pl. VI. fig. 3 **2**-AUSTRIA.
CARINUS, MARCUS AURElius 4-873a; **19**-400a.
Carioca, mts., Braz. **19**-314b.
— (Braz.) **19**-315b.
CARISBROOKE, Isle of Wight, Eng. **4**-873b.
— castle (I. of W., Eng.) **23**-593b; **4**-873b; **5**-269c.
Carisiri: *see* Black lancewood.
Carissa grandiflora (plant): *see* Natal-plum.
— (tree): *see* Amatungula.
CARISSIMI, GIACOMO 4-873c.
Caristiidae **9**-319d.
Caritas (Schönherr) **20**-84a.
Caritat, Marie Jean Antoine Nicolas, marquis de Condorcet: *see* Condorcet, Marie Jean Antoine Nicolas Caritat, marquis de.
Carithée (Gomberville) **11**-514a.
Carius, Ludwig **5**-365a; **5**-406c.
Cariyā-pitaka **12**-971c.
Cark, Eng. [**24**-13 B3].
Carl, N.Dak. [**24**-136 C3].
"Carlebach's Case" **16**-152a.
CARLEN, EMILIA S. F. 4-873c.
—, Johan Gabriel **9**-431a.
Carlet, Sp. [**24**-33 F3].
Carl et Elégast: *see* Basin.
Carleton, Dudley: *see* Dorchester, Dudley Carleton, viscount.
—, Sir Guy (Brit. of) **16**-389c: *see* Dorchester, Guy Carleton, 1st Baron.
—, **WILL (WILLIAM McKendree) 4**-873d.
—, **WILLIAM** (Ir. writ.) **4**-873d; **12**-637d.
—, Mich. [**24**-131 H7].
—, co., N.B., Can. [**24**-88 B2].
—, co., Ont., Can. [**24**-90 E2].
—, mt., N.B., Can. [**24**-88 C1].
—, **PLACE**, Ont., Can. [**24**-90 D2]; **4**-874b.
Carley, Wash. [**24**-150 F5].
CARLILE, RICHARD 4-874b.
—, Wilson **5**-675c.
Carlin, Nev. [**24**-153 D2].
—, S.Dak. [**24**-137 C2].
— Bay, Ida. [**24**-145 B2].
Carline thistle **22**-142c.
Carling, Can., [**24**-90 B2].
CARLINGFORD, CHICHESter S. F., baron 4-874c.
—, I.F.S. [**24**-20 E2]; **4**-874c; **14**-437a.
—, lake, N.Ire. **2**-376b.
— Lough, bay, Ire. [**24**-20 E2; **24**-177 C3]; **14**-436d.
Carlingwark, lake, Scot. **5**-5b.
CARLINVILLE, Ill. [**24**-129 C4]; **4**-874c.
CARLI-RUBBI, GIOVANNI Rinaldo, count of 4-874d.
CARLISLE, EARLS OF 4-874d; **11**-846a.
—, James H., 1st earl of **4**-874d; **3**-95c.
Carlisle, James H., 2nd earl of **9**-911d; **4**-875b.
—, Sir A. **8**-316d; **8**-188a.
—, Ark. [**24**-120 D3].
CARLISLE, Cumb., Eng. [**24**-13 B3; **24**-10 D2; **24**-8 E2]; **4**-876a; **20**-156d; hist. **6**-862c; Rom. town **4**-163c.
—, Ind. [**24**-127 A4].
—, Ky. [**24**-116 F2].
—, Mass. [**24**-99 C1].
—, Minn. [**24**-134 B5].
—, N.Y. [**24**-103 F3].
—, O. [**24**-125 A4].
CARLISLE, Pa. [**24**-107 D3]; **4**-877a; **15**-187d; in Civil War map **1**-756.
—, S.C. [**24**-113 C2].
—, Tenn. [**24**-117 D1].
—, Tex. [**24**-123 C4].
—, Wash. [**24**-150 A3].
—, bay, W.I. [**24**-157 G4]; **3**-94d.
—, co., Ky. [**24**-116 A4].
—, former co., Eng.: *see* Cumberland, co., Eng.
—, castle, Eng. **4**-876b.
— Springs, Pa. [**24**-107 D3].
— Indian School, Pa. **4**-877a.
— mortality table **14**-52d.
Carlists, Don Carlos **4**-878a; Espartero **8**-711d; succession question **21**-136d; Carlists **21**-136d; (1840) **9**-902a.
Carlists, The (Heidenstam) **11**-387c.
Carlite, Wyo. [**24**-146 H1].
Carlitte, mt., Fr. [**24**-26 E5].
Carl Junction, Mo. [**24**-140 C4].
Carlo, Pa. [**24**-106 C2].
Carlo Alberto (k. of Sardinia): *see* Charles Albert.
— Borromeo, St. **15**-476a.
Carlock, Ill. [**24**-128 C3].
—, S. Dak. [**24**-137 E3].
CARLO EMANUELE (duke): *see* Charles Emmanuel.
— Felice **19**-997b.
CARLOFORTE, Sardinia **4**-877a.
—, gulf., Sard. **12**-73c.
CARLOMAN (of Bav. and It.) **4**-877b; **5**-259c.
CARLOMAN (Frankish princes) **4**-877c.
— (k.) **5**-256c; **17**-948a.
— (mayor) **4**-877c; **5**-467d.
— (s. C. Martel) **5**-293d.
Carlops, Scot. [**24**-12 A2].
CARLOS I. (Port.) **4**-877c; **18**-282a; Braganzas **3**-1010d.
—, **DON** (Asturias) **4**-877d; **11**-58b.
—, **DON (CARLOS MARIA Isidro)** (Sp. pretender) (1788-1855) **4**-878a; **4**-507c fol.; Basque **3**-185c; pretensions **3**-966c.
—, **DON (CHARLES MARIA De Los Dolores)** (Sp. pretender) (1848-1909) **4**-878b; **1**-688c.
— VI., Don: *see* Montemolín, Charles, count of.
— VII., Don (Sp. pretender): *see* Carlos, Don (1848-1909).
—, Don (of Bourbon) **16**-82b; **15**-194a fol.
—, Don Baltasar (Sp. prince) **23**-32c.
— -Maria Isidro (Sp. pretender): *see* Carlos, Don (1788-1855).
— Maria Juan Isidor, duke of Madrid: *see* Madrid.
—, Ind. [**24**-126 C2].
—, Md. [**24**-108 A1].
—, Minn. [**24**-135 C6].
—, val., Sp.: *see* Valcarlos.
Carlota Joaquina (Port.) **15**-474d; **18**-281b.
Carlotta, Calif. [**24**-154 A2].
Carlotta (villa, It.) **4**-512a.
Carlovasi, Aeg. S. **19**-922b.
CARLOW, co., Ire. [**24**-21 E4]; **4**-878c; **12**-596a.
CARLOW, Ire. [**24**-21 E4]; **4**-879a; **12**-630d; **12**-635a.
—, Mo. [**24**-140 D2].
— flags **4**-878d; **13**-378c.
Carlowitz, peace **10**-630d; **13**-519c; **10**-272c; **7**-568d.
CARLSBAD, Czech. [**24**-50 C1]; **4**-879a; Pl. I. figs. 8, 9 **6**-CZECHOSLOVAKIA agreement, 1920 **2**-771d; water **15**-530c fol.
—, Ky. [**24**-116 G4].
CARLSBAD, N. Mex. [**24**-148 E6]; **4**-879b; **16**-318d.
—, Tex. [**24**-122 D4].
— **CAVE, NATIONAL MONument**, N. Mex [**24**-148 E6]; **4**-879c; Pl. fig. 1 **5**-CAVE; **16**-156b.
— **DECREES 4**-879c; **10**-280d.
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— (of Cleves) **10**-975d.
— (of Guise) **10**-975c.
— (of Pol., q.) **20**-639d.
— (of Port.) **18**-279c.
— (of Sp.) **11**-58b.
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—, archip.: *see* Aleutian Islands.
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"Catherine Augusta" (ship) **2**-223d.
— Charlotte (Monaco) **13**-773d.
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— Board (Eng.) **19**-418c.
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— Foreign Mission Society (U.S.) **19**-422c.
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Catholicon **1**-14b.
Catholicon (of Lagadeuc) (Fr. dict.) **4**-96c.
Catholic Peoples' Party (Hung.) **11**-911b.
— Publication Society **11**-375d.
— Relief act **10**-528a; **19**-680a.
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Catholic Sisters College (U.S.) **19**-422b.
— Summer School of America (Cliff Haven, N.Y.) **18**-65c.
— University (Chil.) **5**-489c.
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Catiline (play, Jonson) **8**-582d; **13**-144a.
Catiline Conspiracy (Sallust) **19**-888c.
Catillon, Fr. [**24**-2b J1].
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— (Camisard leader) **4**-666a.
Catinga **5**-83a.
CATION (phys.) **5**-42d; adsorbability **1**-183d.
CATKIN (AMENTUM) **5**-42d; male, of juniper il. **13**-185.
Catlen, Tenn. [**24**-117 F2].
Catlett, Va. [**24**-110 G2].
CATLETTSBURG, Ky. [**24**-116 H2]; **5**-42d.
Catley Cross, Eng. [**24**-15 D4].
Catlha natus (plant) **14**-972d.
CATLIN, GEORGE **5**-42d.
Catlin, Ill. [**24**-128 E3].
—, Ind [**24**-127 A3].
Catlin gallery (Washington, D.C.) **5**-43a.
Catlinite **16**-511c; **22**-263d.
Catmint (plant) **15**-581d.
Catnip (bot.) **13**-534d.
CATO, DIONYSIUS **5**-43a.
—, Gaius Porcius **20**-136d.
—, **MARCUS PORCIUS** (the Censor, the Elder) (Rom. states.) **5**-43c; agri. **5**-774d; **10**-182d; anti-Hellene **13**-747d; Carneades **4**-894a; Rom. morals **19**-490a; in Sp. **19**-485d; slavery **20**-776a fol.; Stoicism **21**-431c.
—, **MARCUS PORCIUS** (Uticensis) (philos.) **5**-43b.
—, **PUBLIUS VALERIUS** (Rom. writ.) **5**-44a.
Cato, Ark. [**24**-120 C3].
—, Mo. [**24**-140 D5].
—, N.Y. [**24**-103 D2].
—, Wis. [**24**-133 F5].
Cato (Addison) **1**-161d.
"Cato" (Fr. ship) **19**-857a.
Catocala (insects) **13**-950b; Pl. IV. fig. 8 **13**-LEPIDOPTERA.
Catoche, cape, Mex. [**24**-159 G3].
Cato christianus (Dolet) **7**-506b.
Catoctin, Md. [**24**-108 B1].
—, mt., Md. **15**-2b.
—, creek, Md. **15**-2b.
Catoe, S.C. [**24**-113 D2].
Catogan (headdress) **7**-650c.
Cato maior (Cicero) **5**-696b.
Caton, Ill. [**24**-128 C2].
—, N.Y. [**24**-102 C3].
—Farm, Ill. [**24**-128 D2].
Cat o' nine tails (whip) **5**-13c; **9**-385a.
Catonius, N. H. **21**-655d.
Catons, Nev. [**24**-153 C3].
Catonsville, Md. [**24**-109 C1].
Catoosa, co., Ga. [**24**-114 A2].
—, Okla. [**24**-143 H2].
Catopteridae (fish) **9**-312b.
Catoptrica (treatise, Heron) **8**-802d; trans. **11**-516a.
Catoptrics (Kepler) **21**-905b.
Catoptrophorus semipalmatus: *see* Willet.
Cator, S. (athlete) **13**-181d.
Catorce, dist., Mex. **19**-951a.
—, Mex. [**24**-158 D3].
Catostomidae (zool.) **9**-315d; *see also* Suckers.
Cato street plot (Eng.) **8**-532b.
Catrail (Scot. ruins): *see* Picts' Work Dyke.
—, barrier, Scot. **20**-311d.
Catria, mt., It. [**24**-34 D3]; **12**-755b.
Cat rig (naut.) **5**-24d.
Catron, co., N.Mex. [**24**-148 A5].
CATS, JAKOB (Du. writ.) **5**-44b; **7**-772d.
CATS AND DOGS (Am. fin.) **5**-44d.
Cat's Cradle (Baring) **3**-112b.
Cat's-ear (plant) **6**-184b.
CAT'S-EYE **5**-44d; **10**-94d.
Cat's eye resin: *see* East Indian dammar.
Catsfield, Eng. [**24**-15 D5].
CATSKILL, N.Y. [**24**-103 G3]; **5**-44d.
—, cr., N.Y. [**24**-103 G3].
—, aqueduct, N.Y. **2**-164a; **22**-568d; fig. 4 **2**-162; fig. 9 **22**-569.
— **MOUNTAINS** (N.Y.) [**24**-103 F3; **24**-189 M2]; **5**-45a; **16**-365d; **22**-717b; Devonian **7**-291c; **22**-725b.
Catskin earls (Eng.) **7**-828a, origin of term **7**-234b.
"Cat's Paw, The" (paint., Landseer) **13**-673d.
Cat's Paw (knot) **13**-444c; fig. R **13**-445.
Cat Spring, Tex. [**24**-123 F5].
Catstail: *see* Timothy.
CATT, CARRIE CHAPMAN **5**-45b; **23**-712c.
Catt (weight) **20**-593d.
Cattaio (palace) **3**-212d.
CATTANEO, CARLO **5**-45b.
—, **DANESE DI MICHELE** (It. sculp.) **5**-45c; **4**-672c.
Cattani, Vannozza dei **1**-559b; **3**-899b fol.
Cattani (chem.) **2**-893b.
Cattaraugus, co., N.Y. [**24**-102 B3].
—, N.Y. [**24**-102 B3].
—, cr., N.Y. [**24**-102 B3].
—, reserva., N.Y. [**24**-102 A3].
CATTARO, (Kotor), Yugos. [**24**-52 D3]; **5**-45c; **3**-926d.
—, Bocche di, inlet, Yugos. **5**-45c.
CATTEGAT (KATTEGAT), str., Baltic and North Seas [**24**-8 H1; **24**-46 D2; **24**-43 E8; **24**-178 H4]; **5**-46a; **2**-1015b; **7**-435c.
CATTELL, JAMES McKEEN (Am. psych.) **5**-46a; **2**-141a; advertising psych. **1**-204c; mental tests **7**-968d.
Cattenom, Fr. [**24**-25 M2].
Catterall, Eng. [**24**-13 B4].
Catterick, Eng. [**24**-13 C3]; school **10**-683b; fort **4**-162b.
CATTERMOLE, GEORGE (Eng. paint.) **5**-46b.
Cattern's Day **3**-300c.
Cattete, Braz. **19**-314d.
Cattewater, Eng. **18**-92b fol.
Cat thyme (plant) **10**-209d.
Cattigara, China: *see* Canton.
CATTLE (animals) **5**-46b; abortion, **1**-57c; as Af. money **6**-881a; Alg., no. in **1**-616c; anc. barter **16**-616a; anthrax **2**-40b; in Arg. **2**-323a; breeds **5**-46d fol.; Braz. **4**-55a; China **5**-518d; Cape Col. **4**-780c; Colom. **6**-35d; dairying **6**-980c; diseases **23**-115b; **9**-469a; domestication **1**-968c; Eng. statis. **1**-421c; **5**-49c; **10**-728a; Eur. statis. **8**-836a; feeding **9**-142a fol.; herding Pl. II. fig. 1 **23**-VENEZUELA; **9**-466a; housing **9**-79c; increased no. **15**-149c; marketing **9**-86c; in Mont. Pl. I. fig. 5 **1**-AMERICA; neolithic era **2**-244d; pedigree breeding **5**-49a; pests **8**-623c; ranch (Hung.) Pl. III. fig. 1 **11**-HUNGARY; ranch, Rocky mts., Pl. VIII. fig. 2 **22**-UNITED STATES; range (U.S.) **5**-50d; sex-ratio **20**-415c; shows, (S. Am.) **1**-387c; silage food **8**-617d; slaughtering **20**-772c; **21**-427a; tariff (Can.-U.S.) **4**-712a; U.S. Biol. Survey **3**-601a; U.S., distribution **1**-411b fol.; map **1**-411; purchasing power fig. 20 **1**-418; pure-bred **1**-412b; statis. **15**-150a; world statis. **1**-388d; statis. **23**-828d fol.
CATTLE-BREEDING **5**-46c; **1**-963b fol.; in U.S. **5**-50c.
Cattle Creek, Colo. [**24**-147 C2].
Cattle Dealer, The (play, Kinck) **7**-617c.
Cattle Driving of Fraech, The (old Ir. story) **12**-640c.
Cattle-Driving of Regamon, etc. (old Ir. story) **12**-640c.
Cattle folk: *see* Bakkara.
Cattle-guard (mech.): *see* Cowcatcher.
Cattlemen: *see* Baggāra.
Cattle plague: *see* Rinderpest.
— problem (math.) **2**-270b.
Cattle-raid of Cooley, The (Ir. epic): *see Táin Bó Cualnge.*
Cattle War (Wyo.) **23**-831b.
— Trianae (orchid) Pl. fig. 8 **16**-ORCHID.
Cattleya Dowiana Aurea Pl. fig. 7 **16**-ORCHID.
Catton, Eng. [**24**-13 B3].
Catts, Sidney J. **9**-401d.
Catty (weight) **15**-139a.
Catua, Arg. [**24**-165 C1].
Catualda (chief) **10**-255a.
Catubig, P.I. [**24**-73 B3].
Catules, Braz. [**24**-164 B3].
Catulliacum, anc. town, Fr.: *see* St. Denis.
CATULLUS, GAIUS VALERIUS (Rom. poet) **5**-51c; **5**-775a; **13**-749c; Horace **11**-741b fol.; Propertius **18**-585a; Sapphic metre **19**-986a.
CATULUS (Rom. fam.) **5**-52d.
— (Lat. poet) **22**-7d.
—, Gaius Lutatius (Rom. comm.) **5**-52d; **1**-209b.
—, Quintus Lutatius (Rom. gen.) **5**-52d fol.; Cimbri **5**-707c; hist. source **13**-748c; Q. Hortensius **11**-773c; Pompey **19**-494c.
Catumbela, Ang. **1**-951c.
Catus, Fr. [**24**-26 E3].
Catuvellauni (tribe) **4**-826c.
Catworth, Eng. [**24**-14 C3].
Cauac (Mayan chron.) **4**-581b.
Cauate Lodges, Puye. (N. Mex.) Pl. fig. 5 **5**-CLIFF DWELLINGS.
Caub, Ger. [**24**-38 C3].
CAUCA, dept., Colom. [**24**-162 B3]; **5**-53a.
—, riv., Colom. [**24**-162 B3; **24**-190 B2]; **1**-904a; **6**-32d.
—, val., Colom. **6**-32b fol.; healthfulness **4**-585b.
—, val., Peru **5**-702d.
Caucagua, riv., Venez. **2**-156a.
Caucasia, U.S.S.R. **5**-57d.
Caucasian (race): cuneiform inscriptions **6**-867a fol.; hair **6**-57d fol.; numeral system **16**-614c.
— **AREA, NORTH,** prov., U.S.S.R. **5**-53a.
— carpets (rug) **19**-625d; Pls. V., VI., XI. **19**-RUGS AND CARPETS.
— **LANGUAGES** **5**-54a.
— laurel (shrub) **13**-769b.
— Republic **5**-58c.
— Tatars (people) **21**-833a.
— tribes **3**-909a.
— wall (U.S.S.R.) **7**-233d.
CAUCASUS, mts., U.S.S.R. [**24**-49 F6; **24**-59 J1; **24**-179 O7; **24**-180 C4]; **5**-54d; Baryatinsky's campaigns **3**-157c; Elburz mts. **8**-129a; eastern division **5**-56b fol.; forest area **9**-502a; Hindu Kush **11**-581d; hist. **5**-57d; hydrography **5**-56d fol.; Western division **5**-55a fol.
CAUCASUS, CAMPAIGN IN the (World War) **5**-58c.
Caucho (rubber) **19**-602d.
Cauchoix (astron.) **16**-671d.
CAUCHON, PIERRE **5**-60c; Joan of Arc **13**-74a fol.
— Lake, Can. [**24**-90 C1].
CAUCHY, AUGUSTIN Louis, baron (Fr. math.) **5**-60c; astron. **2**-586c; calculus of limits **7**-364d; Fermat's last theorem **9**-173d; functions, theory of **9**-916b; integral formula **8**-666a; **9**-920b; limit **14**-133c; Mittag-Leffler **15**-623a; number theory **16**-605a; Riemann equations **6**-235a; **9**-919b; series **20**-362d fol.; light **14**-61b.
Cauci (people) **12**-598b.
Caucomgomoc, lake, Me. [**24**-96 C2].
Caucones: *see* Epeians.
CAUCUS (pol.) **5**-60d; electoral systems **8**-135c.
— (club) **5**-60d; **3**-936d.
Cauda equina **21**-218b.
Caudal appendage fig. 2 **1**-845.
Caudata (zool.) **1**-835a fol.; life-cycle **1**-839a; phylogeny fig. 5 **1**-837.
Caudatarius (rel.) **6**-396d.
Caudate lobe (anat.) **14**-229c; fig. 1 **14**-229.
— nucleus fig. 10 **4**-15.
CAUDEBEC (-EN-CAUX), Fr. [**24**-24 F2]; **5**-61b.
—, Fr. [**24**-24 G2].
Caudebec-lès-Elbeuf, Fr. **8**-128d.
Caudenberg, Belg. **4**-295c.
Caudéran, Fr. [**24**-26 C3]; **3**-895b.
Caudicle (bot.) **9**-414a.
Caudies, Fr. [**24**-26 F5].
CAUDINE FORKS, passes, It. **5**-61b; battle (B.C.) **19**-481b.
"Caudle, Mrs." (cartoon, Leech) **13**-865d.
Caudou, riv., Fr. [**24**-26 D3].
Caudry, Fr. [**24**-25 J1]; textile indus. **16**-486c.
Caughdenoy, N.Y. [**24**-103 D2].
Caughley, Eng. **18**-354b.
CAUL (cap) **5**-61b.
— (anat.) **1**-336a; **5**-61b.

Caul (marquetry) **14**-938c.
CAULAINCOURT, ARMAND Augustin Louis, Marquis de (Fr. gen.) **5**-61b.
Cauldcleuch Head, mt., Scot. [**24**-12 B2].
Cauldron, Great Boiling Spring, Mich. **14**-812a.
Caulerpas (plant) **1**-596a; fig. 2, K **1**-595.
Caulescent plant **21**-379d.
Caulfeild, James, 1st earl of Charlemont: *see* Charlemont.
Caulfied, Susan **4**-405c.
Cauliaco, Guido de (Fr. surg.): *see* Chauliac, Guy de.
CAULICULUS (arch.) **5**-61c.
CAULIFLOWER: *see* Cabbage; *see also* **1**-392d; **4**-496c; **11**-775c; culture **23**-26b; fig. 5 **4**-497a.
Caulne leaf (bot.) **13**-828a.
Caulking (mech.) boilermaking **3**-792d; shipbuilding **20**-537c.
Caulnes, Fr. [**24**-24 C3].
Caulogastra (zool.) **2**-205a.
Caulome (bot.) **21**-379b.
CAULONIA, It. **5**-61c.
Caumont, Fr. [**24**-24 E2].
Caunes, Fr. [**24**-26 F4].
Caunians (people) **4**-861b.
Caunt, Ben (boxer) **18**-758c.
Cauquenes, Chil. [**24**-165 B4]; springs **5**-988a; former cap. **15**-101d.
Caura, riv., Venez. [**24**-160 C2]; course **16**-903d.
Caurel, mts., Sp. [**24**-32 C1]; **4**-763b.
Causa Dei contra Pelagium, De (Bradwardine) **3**-1009d.
Causalgia (path.) **8**-342d.
CAUSALITY (CAUSATION) (philos.) **5**-61d; **22**-307c; accidentalism contrasted **1**-93b; Aenesidemus attacks **1**-222b; Buddhism **4**-326c; psych. association **2**-563c; Descartes **7**-248c; effect, empiricism **8**-411b; hist. **5**-63b; holism **11**-642a; Hume **11**-881a; Hume and Kant **13**-269b; imperceptible **5**-62b; Indian philos. **12**-250c; Karma as a mode **6**-161a; Leibnitz **13**-457d; Locke **14**-273d; occasionalism **16**-679b; Rāmanuja's theory **12**-252d; in theol. **22**-65a.
Causation (med.) **1**-276b.
Caus Castle, Eng. **20**-588a.
Cause, La (rel. tract) **11**-872c.
CAUSE AND EFFECT: see Causality.
Causennae, Rom. Brit. **4**-160d.
Causeries du lundi (Sainte-Beuve) **8**-717c; **9**-799a.
Causes, plurality of: *see* Plurality of causes.
CAUSEWAY **5**-63c.
Causewayhead, Scot.: *see* Castle Douglas.
Causey, N.Mex. [**24**-148 F5].
—, S.C. [**24**-113 E2].
— (road): *see* Wheel Causeway.
Causey-way: *see* Causeway.
Causidicus: *see* Schultheiss.
Caussade, Fr. [**24**-26 E3].
Causse (geol.) **9**-583a.
Causse de Quercy. **21**-817d.
Causse Larzac, S.: *see* Larzac, S.
Causse Méjan: *see* Méjan.
Caussenards **5**-63c.
CAUSSES, plateau **5**-63c.
CAUSSIN DE PERCEVAL, Armand-Pierre **5**-63d.
— de Perceval, J. J. **5**-63d.
Caustic (alkali) **9**-118a.
CAUSTIC (surg.) **5**-63d.
— (math.) **6**-896b.
— (optics) **5**-63d.
— by reflection: *see* Catacaustic.
— by refraction: *see* Diacaustic.
— potash (chem.) **20**-962a; poisoning **18**-120a; therapeutics **18**-326a; *see also* Potassium hydroxide.
CAUSTIC SODA **5**-64a; **1**-639b; **1**-640d; **20**-923b; *see* 639b; fig. 7 **1**-639; fig. 8 **1**-639; **1**-640d; **20**-923b; poisoning **18**-120a; use **15**-263b; **16**-750a; **1**-639d: *see* Sodium hydrate.
— surface **5**-63d.
Causus (snake) **23**-178a.
CAUTERETS, Fr. **5**-64a; **11**-258b; **15**-531d.
—, Fr. [**24**-26 C5].
—, Gare de, riv., **5**-64a.
Cautery **18**-837d.
Cauthron, Ark. [**24**-120 A3].
CAUTIN, prov., Chil. [**24**-165 B4]; **5**-64b; **5**-486d; **5**-488b fol.
Caution, Calif. [**24**-154 B2].
—, cape, B. C., [**24**-92 D4].
"Cautiva, La" **21**-149d.
CAUTLEY, SIR P. T. **5**-64b.
Cauto, riv., Cu. [**24**-157 C2]; **6**-833c fol.
CAUVERY, riv., S. India [**24**-67 C4; **24**-182 E7]; **5**-64c; **6**-393a; **7**-122b; **14**-614b.
—, falls, **13**-476c.
—, mts. **5**-979d.
Cauvin, Gérard: *see* Calvin, G.
Caux, dist. Fr. **16**-494d.
Cav. (abbrev.) **1**-23d.
Cava (bev.): *see* Kava.
Cavacci, Agostino **6**-477a.
Cavaciocchi **4**-814b.
CAVA DEI TIRRENI **5**-64d.
— de Viriato: *see* Vacca.
— d'Ispica **15**-642b.
Cavado, riv. **8**-629a.
—, riv., Port. [**24**-32 B2].
CAVAEDIUM **5**-64d.
Cavaglieri, B. (math.): *see* Cavalieri, B.
CAVAGNARI, SIR PIERRE L. N. (sol.) **5**-64d; **1**-290b; **12**-197b.
Cavagnole (game): *see* Biribi.
Cavaignac, Godefroy **5**-65a; **9**-647d fol.
—, Jaques M. **5**-65a fol.
CAVAIGNAC, LOUIS E. **5**-65a.
CAVAILLON, Fr. [**24**-27 J4]; **5**-65c.
Cavalca (writ.) **12**-741b.
Cavalcade (Basoche) **3**-184a.
Cavalcante, Braz. [**24**-164 A3].
CAVALCANTI, GUIDO **5**-65d; **7**-37a fol.; **12**-739d.
CAVALCASELLE, GIOVANNI B. **5**-65d; **15**-799b; **6**-758d.
Cavaleria, cape, Bal. Is. [**24**-33 J2].
Cavalerūs, B. le (math.): *see* Cavalieri, B.
CAVALIER, JEAN (Camisard) **5**-66a; **4**-666b.
—, Jean (sculp.) **12**-841a.
—, N.Dak. [**24**-136 G1].
—, co., N.Dak. [**24**-136 F1].
—, mt., **16**-460d.
— (fort) **5**-66c; *see* Double bastion.
CAVALIER (horseman) **5**-66c.
— Parliament: *see* Long Parliament.
CAVALIERI, BONAVENTURA (math.) **5**-66d; **10**-179b.
—, **EMILIO DEL** **5**-66d; **16**-843b; **16**-803a.
—, Il, d'Arpino: *see* Cesari G.
—, Tommaso **15**-414c.
Cavalier's Pets (paint.) **13**-674b.
Cavalla, Maced: *see* Kavalla.
—, riv., Iv. Cst. **12**-845a.
—, riv., Lib.: *see* Kavalli.
Cavallamonte, It. **7**-540a.
Cavalleria Rusticana (opera) **15**-10b; drama **7**-765d.
Cavallero (gen.) **12**-824c.
CAVALLI, FRANCESCO (comp.) **5**-67a; **20**-986d.
—, Major **16**-858b.
— gun **16**-858c.
— (palace, Venice) Pl. I. fig. 3 **11**-HOUSE.
Cavallieri, B. (math.): *see* Cavalieri, B.
CAVALLINI, PIETRO **5**-67a; **15**-834d.
Cavallo, Tiberius **2**-1007b; **17**-898b; **8**-142d.
Cavallo electroscope **12**-447d; fig. 22 **12**-447.
CAVALLOTTI, FELICE **5**-67b; **12**-813b; **6**-727a.
CAVALRY **5**-67b; **2**-399c fol.; **2**-409b; **23**-324d; **13**-431a; Alexander the Great **2**-397c; **21**-742a; barracks **3**-137a; Carrhae **4**-928b; colonel **6**-39c; Crécy **11**-888c fol.; **5**-70b; division **2**-110b, **7**-452c; infantry **12**-325b; middle ages **19**-443c; Rom. **19**-394b fol.; **5**-68b fol.; squadron **21**-268d; tactics **21**-743d.
— of the Line **22**-704b.
— trumpet **22**-509d.
CAVAN, F. E. L., earl of **5**-72c; Caporetto **4**-817a; Vittorio Veneto **23**-225a.
CAVAN, co., I.F.S. [**24**-20 D3]; **5**-72c; **12**-596b.
—, Ont., Can. [**24**-90 C2].
CAVAN, Cavan, I.F.S. [**24**-20 D2]; **5**-73a.
CAVANILLES, A. J. **5**-73a.
Cavarna, Rum. **7**-464 d.
CAVATINA **5**-73a.
CAVAZZOLA (CAVAZZUOla), P. M. **5**-73a.
Cavazzoni, **12**-822d.
CAVE, EDWARD **5**-73b.
CAVE, G. C., 1st earl (lord chancellor) **5**-73c; **17**-324d.
—, S. **8**-63c.
—, **WILLIAM** **5**-73c.
—, North, Eng. [**24**-13 D4].
—, N.Z. (24-173 C6].
—, S.C. [**24**-113 C3].
—, South, Eng. [**24**-13 D4].
—, W.Va. [**24**-111 3].
CAVE **5**-73d; **14**-132a; art **2**-240d; fig. 2; **12**-211; **21**-122d; burial **7**-97c, dwelling **5**-810d; **11**-810b; limestone **10**-161b; temples **21**-926b; **2**-526a.
CAVEA **5**-74a.
CAVEAT **5**-74b; *see also* Patents.
— **EMPTOR** **5**-74b; **19**-874a.
Caveator **5**-74b.
Caveau **6**-16a.
Cave bear **3**-256c.
Cave City, Ark. [**24**-120 D2].
— City, Ky. [**24**-116 E3].
Cavecreek, Ariz. [**24**-149 D5].
—, Ark. [**24**-120 C2].
Cave Creek, Nev. [**24**-153 E2].
CAVEDONE, J. **5**-74b.
Cave-dwellers: *see* Troglodytes.
— dwelling: *see* Cave.
Cave-earth **5**-786d.
Cave Hill, Va. **14**-488a.
— -in Rock, Ill. [**24**-129 D6].
Cavel, Ark. [**24**-120 D2].
Cavelier, R., sieur de La Salle: *see* La Salle.
CAVELL, E. L. **5**-74b; **8**-714a; **4**-206c; statue **9**-579c; **23**-582c.
Cavenagh, mts., W. Aus. [**24**-168 D4].
Cavenaghi, C. **13**-935d.
Cavendish (fam.) **5**-811c; *see also* Devonshire, earls and dukes.
— (nick.): *see* Jones, Henry.
—, Henry, 2nd duke Newcastle: *see* Newcastle.
—, Eliz. H. **7**-292c; **5**-76a.
—, Lord Fred. **8**-539a.
—, **GEORGE** **5**-74c; **3**-594c; **18**-598a.
—, **HENRY** **5**-74d; **2**-331c; **5**-357b fol.; atmosphere **2**-640c; combustion **6**-98d; elec. **8**-185b; gravity **10**-664d; halo **11**-111b fol.; hydrogen **5**-361a; **11**-077a; water synthesis **23**-407b.
—, H. S. H. **20**-966c.
—, S. Compton: *see* Devonshire.
— **(CANDISH), THOMAS** **5**-75d; **19**-833d.
—, **SIR WILLIAM** **5**-76a; **7**-292c.
—, Ida. [**24**-145 B3].
—, Suff., Eng. [**24**-15 D3].
—, Vict., Austr. [**24**-170 F6].
—, Vt. [**24**-97 B3].
— Bridge, Eng. [**24**-14 B3].
— dock **3**-148c.
— eudiometer **5**-75b.
— laboratory **4**-653a; **5**-75d.
Caventou **5**-385a.
Cave of Adullam **1**-184d.
Cave of Elephants, India Pl. I. fig. 3 **21**-STONE CARVING.
Cave of Treasures (Syriac romance): see *Mĕ'ārrath gazzē*.
Caverhill, Oreg. [**24**-151 F3].
Cavern: *see* Cave.
Cavern **13**-332d.
Cavernous sinuses **23**-29b.
Cavers, A. de Baliol, lord: *see* Baliol.
Caversham, W. Cadogan, viscount: *see* Cadogan, C., 1st earl.
Caversham, Eng. [**24**-15 C4].
Cave sandstone **3**-194d.
Caves du Vatican **10**-338d.
Cave Spring, Ga. [**24**-114 A2].
—, Ky. [**24**-116 D4].
— Springs Ark. [**24**-120 A1].
Cavetown, Md. [**24**-109 B1].
Cavett, O. [**24**-124 A3].
CAVETTO **5**-76b; **4**-962b; fig. 5 **13**-123.
Cave Valley, Nev. [**24**-153 F4].
Cavia **5**-79a.
— cutleri **5**-79a.
Caviana, isl., Braz. [**24**-163 B2]; **17**-248d.
Cavia poliviensis **5**-79a.
Cavia porcellus **5**-79a.
CAVIARE (CAVIAR) **5**-76b.
Cavicornia **17**-430b: *see also* Bovidae.
CAVIGLIA, E. **5**-76c; **4**-814b fol.; **12**-820d; **17**-904d; **23**-225c.
Cavilidae **4**-824c; **1**-353b.
Cavill, R. **21**-668a.
Cavilli, isl., P.I. [**24**-73 B4].
Caving **15**-549a.
Cavitation **20**-527c.
CAVITE, P.I. [**24**-73 B3]; **5**-76c.
—, S.Dak. [**24**-137 D3].
Cavo, mt., It. **13**-757a; **12**-755d; *see also* Albanus Mons.
Cavo rilievo **12**-456c.
CAVOUR, C. B., count **5**-76d; **12**-802c; **16**-84b; **2**-827a; **2**-750c; **23**-123c.
CAVOUR, It. **5**-79a.
—, S.Dak. [**24**-137 F2].
—, Wis. [**24**-132 E4].
—, canal, It. **12**-691c.
—, Via (Rome) **19**-473b.
CAVY (zool.) **5**-79a; **19**-375a.
CAWDOR, Nairnshire, Scot. [**24**-18 E4]; **5**-79b.
Cawein, Madison **1**-791d.
Cawk: *see* Barytes.
Cawker City, Kan. [**24**-142 D2].
Cawley, John **21**-352d; **16**-284a.
Cawndilla, lake, N. S. W., Austr. [**24**-170 E4].
Cawnie (measure) **15**-139a.
Cawnpore, dist., India **1**-644a; **5**-79c.
CAWNPORE, India [**24**-65 E3]; **5**-79b; battle, 1857 **8**-536b; Indian mutiny **12**-244a; massacre (1857) **21**-706d.
—, wall of (India) **5**-79c.
Cawood, Ky. [**24**-116 G4].
—, Yorks., Eng. [**24**-13 C4; **24**-14 B2].
Cawston, Eng. [**24**-14 E3].
CAXAMARCA: *see* Cajamarca.
Caxambas, Fla. [**24**-115 G6].
CAXATAMBO, Peru: *see* Cajatambo.
Caxias, Maranhao, Braz. [**24**-164 B1; **24**-160 E3].
—, Rio Grande do Sul [**24**-165 F2].
Caxones (Hobbies), isls., Hond. [**24**-159 H4].
CAXTON, WILLIAM **5**-79d; **18**-500a; **19**-336d; **1**-195a; biog. by Blades **3**-690c; black letter type **3**-683c; effect on poster **18**-319a; *Eneydos* **1**-222a; importance Eng. lit. **8**-573d; scribal spelling **8**-560d; Westminster Abbey **5**-238b.
—, Cambs., Eng. [**24**-15 C3].
— Gibbet, Cambs., Eng. [**24**-15 C3].
Cay (isl.) **13**-357c.
CAYAK: *see* Kayak.
Cayambe, mt., Ec. [**24**-160 B2]; **7**-934d.
Cayan, P. I. [**24**-73 B2].
Cayapa-Colorados: *see* Caranquis.
Cayapas, riv., Ec. **7**-935c.
CAYAPAS (tribe) **5**-80d.
Cayapo, mts., Braz. [**24**-163 B6; **24**-191 D4].
Cayar, lake, Sen. [**24**-80 A2]; **20**-327d.
Cayce, S.C. [**24**-113 C3].
CAYENNE, Fr. Gui. [**24**-163 B2; **24**-160 D2; **24**-2 J4; **24**-1]; **5**-80d: *see also* French Guiana.
— **PEPPER** **5**-81a.
Cayeux, Colin des **23**-165d.
Cayeux, dist., Fr. **20**-974a.
— -sur-Mer, Fr. [**24**-24 G1]; **1**-812b.
CAYEY, P.R. **5**-81a.
Cayla, Zoé T., comtesse du **14**-422a.
CAYLEY, ARTHUR **5**-81b; cubic curves **20**-4d; determinants **7**-275c; non-Euclidean **10**-181a; projective geometry **10**-177c.
—, Sir George **1**-242d.
—, Alta., Can. [**24**-91 C3].
Cayley's rotation formula **10**-912d.
— Sextic **6**-891c.
Caylloma, Peru [**24**-162 C7].
Caylus (comtesse) **5**-81c.
—, **ANNE CLAUDE**, comte de, marquis d'Esternay, baron de Bransac **5**-81c.
—, A. C. P. de T., comte de: encaustic painting **8**-421b fol.; caricatures **4**-867a.
Caylus, Fr. [**24**-26 E3].
CAYMAN (animal) **5**-81d.
— Brac, isl., W.I. [**24**-157 C3]. **5**-81d.
— **ISLANDS**, W.I. **5**-81d; **16**-504a.
Caymores Aimores, mts., Braz. [**24**-164 B4].
Cay Nuevo, isl., Mex.: *see* Nuevo, Cay.
Cayo, The, Brit. Hond. **4**-201a.
— Grande, isl., Mex.: *see* Grande, Cayo.
— Largo, isl., W.I.: *see* Largo, Cayo.
— Romano, isl., W.I.: *see* Romano, Cayo.
Cayopo, mts., Braz. [**24**-160 D4].
Cayos de la Leguas, isls., W. I.: *see* Leguas, Cayos de la.
Cayres, Fr. [**24**-27 G3].
Cayriris, mts., Braz. [**24**-163 D4; **24**-164 B2].
Cays Brothers, isls., Bah.: *see* Brothers, Cays.
Cayster (Caystrus), riv.: *see* Küchük Menderes.
—, val., Lydia **19**-997d.
Caythorpe, Eng. [**24**-14 C2].
Caytonia Sewardi (palaeobot.) fig. 8-B and C **17**-83.
Cayuga, co., N.Y. **2**-667d.
—, Ill. [**24**-128 D3].
—, Ind. [**24**-126 A3].
—, N.Dak. [**24**-136 G3].
—, N.Y. [**24**-102 D3].
—, Wis. [**24**-132 C3].
—, cr., N.Y. [**24**-102 B3].
—, lake, N.Y. [**24**-102 D3].
—, quarries, N.Y. **2**-668a.
— (tribe) **12**-684a fol.
CAYUGA AND SENECA CANAL: *see* New York State Barge Canal System: *see also* **16**-392a.
Cayugan period (geol.) **22**-725a; **20**-679d.
Cayuse, Oreg. [**24**-151 G2].
—, hills, Mont. [**24**-144 D2].
— (lang.) **5**-139a.
Cayuta, N.Y. [**24**-102 D3].
CAYUVAVAN (tribe) **5**-82a.
Cayville (Eng.) fig. 2 **11**-459.
Caywood, N.Y. [**24**-102 D3].
—, O. [**24**-125 D4].
Cazadero, Calif. [**24**-154 B3].
—, Oreg. [**24**-151 C2].
Cazalès, Edmund de **5**-82a.
CAZALES, JACQUES A. M. De **5**-82a.
Cazal-Illy, ridge **20**-269d.
CAZALIS, HENRI **5**-82a.
Cazalla de la Sierra, Sp. [**24**-32 D4].
Cazals, Fr. [**24**-26 E3].
Cazamian, L. **13**-880b.
Cazanova, Braz. [**24**-164 B2].
Cazaubon, Fr. [**24**-26 C4].
Cazaux, Fr. [**24**-26 B3].
—, Etang de, lake [**24**-26 B3].
Cazemajou (expl.) **23**-953a.
CAZEMBE (chief) **5**-82b.
Cazenovia, Ill. [**24**-128 C3].
—, Minn. [**24**-135 B7].
—, N.Y. [**24**-103 E3].
—, Wis. [**24**-133 C6].
Cazères, Fr. [**24**-26 E4].
Cazes, Pierre J. **5**-245b.
— -Mondenard, Fr. [**24**-26 E3].
CAZIN, JEAN C. **5**-82b; **18**-357a.
—, M. (ceramist) **18**-357a.
—, Marie (art.) **5**-82c.
—, Yugos. [**24**-52 B2].
Cazma, riv., Yugos. [**24**-52 C2].
Cazones, bay, Cu. [**24**-157 B2].
Cazorla, Sp. [**24**-33 E4].
—, mts., Sp. [**24**-32 E4]; **12**-866b.
CAZOTTE, JACQUES **5**-82c.
Cazoulès, Fr. [**24**-26 E3].
Cazouls, Fr. [**24**-27 G4].
Cazouls-lès-Béziers, Fr. **11**-474b.
CAZUNGO: *see* Angola, W. Af.
C.B. (abbrev.) **1**-23d.
Cb. (symbol): *see* Columbium.
"C" BATTERY **5**-82c.
C.B.E. (abbrev.) **1**-23d.
c.c. (abbrev.) **1**-23d.
Ccapac Yupanqui (ruler) **21**-72d.
C.C.C. HIGHWAY, Ohio **5**-82c; **5**-82.
Cd (symbol): *see* Cadmium.
C.D.S. (abbrev.) **1**-24a.
C.E. (abbrev.) **1**-24a.
Ce (symbol): *see* Cerium.
Cea, riv., Sp. [**24**-32 D1].
Ceadda, Saint: *see* Chad.
Ceadmann: *see* Caedmon.

Ceadwalla (Wessex k.) **23**-520c; **16**-960c.
— (Sax. king) **1**-47d; **12**-316a.
Cealchyth, Eng. **16**-711a: *see also* Chelsea, Eng.
Ceanannus, Ire.: *see* Kells, Meath.
Cean Laws (Gr.) **5**-148b.
CEANOTHUS 5-82d: *see* New Jersey Tea.
— ovatus: *see* Lesser red-root.
— sanguineus: *see* Oregon tea-tree.
CEARA, state, Braz. [**24**-164 C1, **24**-163 E3]; **5**-82d; **4**-50b fol.; **11**-181a.
Ceará, Braz.: *see* Fortaleza.
— cotton **6**-525b.
— -mirim, Braz. [**24**-164 C2].
— rubber **19**-602d.
Cearl (king) **15**-265c.
Ceawa, hill (Berks., Eng.) **3**-147c.
CEAWLIN (k.) **5**-83c; **23**-520b.
Cebaco, isl., Pan. [**24**-158 H6]; **17**-168b.
Cebes (of Cyzicus) **5**-83d.
CEBES (of Thebes) **5**-83d; **20**-917c.
Cebidae (monkey) **4**-823c; **18**-486d.
Cebinae (zool.) **4**-823c; **21**-271c.
Cebochoeridae (fossil) **2**-480d.
Cebolla, Colo. [**24**-147 C3].
—, N.Mex. [**24**-148 C2].
Cebollati, riv., Urug. **22**-904c.
Cebollera, La, mt., Sp. **10**-926b; **21**-2b.
Ceboruco, mt., Mex. **15**-378a; **16**-177d.
Cebotteta, mts., N.Mex. [**24**-148 B3].
Cebren (myth.): *see* Kebren.
Cebrene, Asia M. **22**-502c.
Cebu, prov., P.I. **17**-727a.
CEBU, P.I. [**24**-73 B3]; **5**-83d; **16**-813c; **6**-985d.
—, isl., P.I. **14**-624b; **17**-725b.
Cebus (monkey) **18**-487a; **19**-988d.
— capucinus: *see* Capuchin monkey.
CECCO D'ASCOLI 5-84a.
Cech, Svatopluk **6**-965b.
Cechtice, Czech. [**24**-39 L4].
Cechy **6**-951d.
Cecidomyidae: *see* Gall-midge.
CECIL (fam.) **5**-84b.
—, earls of Exeter: *see* Exeter.
—, earls of Salisbury: *see* Salisbury.
—, **LORD HUGH E.** 5-84d; **2**-973c.
—, Edward, viscount Wimbledon: *see* Wimbledon.
—, barons Burghley: *see* Burghley.
—, David: *see* Seyceld, D. ap R.
—, W. (engin.) **12**-496d
—, **OF CHELWOOD, EDGAR A. R. Cecil**, 1st viscount **5**-85a; **20**-264c fol.; **17**-300b fol.; **3**-736c.
—, co., Md. [**24**-109 D1].
—, Ark. [**24**-120 B2].
—, Ga. [**24**-114 C5].
—, La. [**24**-121 B1].
—, O. [**24**-124 A2].
—, Oreg. [**24**-151 F2].
—, Pa. [**24**-106 A3].
—, Wis. [**24**-132 E5].
CECILIA, SAINT 5-85c.
— Renata **23**-693b.
—, Ky. [**24**-116 E3].
Cecill, David: *see* Seyceld, D.
Cecilton, Md. [**24**-109 D1].
Cecilville, Calif. [**24**-154 B2].
Cecina, It. [**24**-34 C3].
Cecir de Mer, isl., Annam [**24**-71 C3].
— de Terre, isl., Annam [**24**-71 C3].
Cecropia (moth) Pl. IV. fig. 9 **13**-LEPIDOPTERA.
CECROPIA (tree) 5-85c.
— peltata: *see* Trumpet tree.
CECROPS (myth.) **5**-85d; **20**-369b.
Cecryphaleia, isl., Aeg. S. map **2**-659.
Cecyl, Luf of Seynt (Chaucer) **5**-328a.
Cedar, co., Ia. [**24**-138 F3].
—, co., Mo. [**24**-140 D4].
—, co., Neb. [**24**-139 G2].
—, Colo. [**24**-147 B4].
—, Ind. [**24**-126 C1].
—, Kan. [**24**-142 D2].
—, Mass. [**24**-99 C1].
—, Me. [**24**-96 E3].
—, Minn. [**24**-135 E6].
—, N.Dak. [**24**-136 B3].
—, Nev. [**24**-153 F1].
—, Utah [**24**-152 D3].
Cedar, Wis. [**24**-132 C3].
—, W.Va. [**24**-111 A4].
—, bay, N.C. [**24**-112 J3].
—, cr., O. [**24**-125 D4].
—, lake, Ind. [**24**-126 B1].
—, lake, Man., Can. [**24**-91 F3].
—, lake, Ont., Can. [**24**-90 C1].
—, mts., Nev. [**24**-153 C4].
—, mts., Oreg. [**24**-151 H4].
—, mts., Utah [**24**-152 B2].
—, pt., Ala. [**24**-118 A5].
—, pt., Mass. [**24**-99 D1].
—, pt., Md. [**24**-109 C2].
—, pt., O. [**24**-124 B2].
—, riv., Ia. [**24**-138 F3].
—, riv., N.Y. [**24**-103 F2].
—, riv., Wash. **20**-253c.
CEDAR (tree) 5-85d; in U.S. map **22**-730; salt and red Pl. II. figs. 1, 2 **22**-UNITED STATES, red Pl. I. **13**-LANDSCAPE ARCHITECTURE; red **13**-185c; *see also* Nootka Sound Cypress.
—, **JAPANESE**: *see* Cryptomeria.
—, Port Orford: *see* Port Orford cedar.
Cedara, U. of S.Af. **16**-128d.
Cedar Beach, Vt. [**24**-97 A2].
Cedarbend, Minn. [**24**-134 C3].
Cedar Berg, mts., Cape Col. [**24**-81 B4].
CEDAR-BIRD (CEDAR WAXWING): *see* Waxwing.
— block, mts., Syr. **13**-852c.
— Bluff, Miss. [**24**-119 D2].
— Bluffs, Kan. [**24**-142 B2].
— Bluffs, Neb. [**24**-139 H3].
— Brook, N.J. [**24**-105 B3].
— Butte, S.Dak. [**24**-137 C3].
— Canyon, S.Dak. [**24**-137 B1].
— **CITY**, Utah [**24**-152 A5]; **5**-86c; **22**-911d.
— Cliff, Utah [**24**-152 C3].
Cedarcreek, Ark. [**24**-120 B3].
—, Tenn. [**24**-117 J1].
Cedar Creek, Colo. [**24**-147 C3].
— Creek, Del. [**24**-109 D2].
— Creek, Mo. [**24**-140 E5].
— Creek, N.C. [**24**-112 G3].
— Creek, Neb. [**24**-139 H3].
— Creek, Tex. [**24**-123 F4].
CEDAR CREEK, stream, Va. **5**-86c; battle (1864) **5**-86c; **20**-492b; Sheridan's ride (1864) **20**-496a.
— Crest, Calif. [**24**-154 D4].
— Crest Coll. **1**-650b.
Cedardale, Okla. [**24**-143 D2].
Cedaredge, Colo. [**24**-147 C3].
Cedar elm **8**-376c.
— **FALLS**, Ia. [**24**-138 E2]; **5**-86c.
— Falls, Wash. [**24**-150 D3].
— Falls, Wis. [**24**-132 B5].
Cedarfork, S.Dak. [**24**-137 D2].
Cedar Fort, Utah [**24**-152 B2].
— Gap, Mo. [**24**-140 E4].
— Grove, Ind. [**24**-127 D3].
— Grove, N.C. [**24**-112 F1].
Cedargrove, N.J. [**24**-104 A2].
Cedar Grove, Tenn. [**24**-117 C2].
— Grove, Wis. [**24**-133 F6].
— Hill, Conn. [**24**-101 C2].
Cedarhill, Ida. [**24**-145 F7].
Cedar Hill, N.Mex. [**24**-148 B2].
— Hill, Tex. [**24**-123 F3].
Cedarhurst, Nev. [**24**-153 F4].
Cedar Keys, Fla. [**24**-115 E2].
—, N.J. [**24**-105 B3].
— of Goa (tree) **5**-86b.
— of Lebanon (tree) **5**-85d; Pl. VIII. **13**-LANDSCAPE ARCHITECTURE.
— Park, Tex. [**24**-123 F4].
— Point, Ill. [**24**-128 C2].
CEDAR RAPIDS, Ia. [**24**-138 F3]; **5**-86d.
— Rapids, Neb. [**24**-139 F3].
— River, Mich. [**24**-130 D4].
Cedar Run, Mich. [**24**-131 E5].
— Run, N.J. [**24**-105 B3].
— Run, Pa. [**24**-107 D2]; map **1**-756; battle, 1862 **1**-759d.
Cedars, Miss. [**24**-119 B3].
Cedar Spring, S.C. [**24**-113 C2].
— Springs, Ariz. [**24**-149 E3].
— Springs, Mich. [**24**-131 F6].
— Springs, Tenn. [**24**-117 F2].
CEDARTOWN, Ga. [**24**-114 A2]; **5**-87a.
Cedar Vale, Kan. [**24**-142 F4].
Cedarvale, N.Mex. [**24**-148 D4].
Cedar Valley, Ia. [**24**-138 F3].
— Valley, Mo. [**24**-140 D5].
— Valley, O. [**24**-124 C3].
— Valley, Utah [**24**-152 B2].
Cedarview, Utah [**24**-152 D2].
Cedarville, Ark. [**24**-120 A2].
—, Calif. [**24**-154 C2].
—, Ill. [**24**-128 C1].
—, Md. [**24**-109 C2].
—, Mich. [**24**-130 G4].
—, N.J. [**24**-105 A3].
—, O. [**24**-125 B4].
—, Wis. [**24**-132 F4].
—, W.Va. [**24**-111 C3].
CEDAR WAXWING: *see* Waxwing; *see also* **23**-444d.
— wood **17**-461b.
Cedaspe, Pablo de (Sp. art.): *see* Cespedes, Pablo de.
Cedd (Sax. bp.) **8**-726a.
Cedent (law) **2**-559d.
Cederborgh, Fredrik **31**-657d.
Cedercrantz (jur.) **21**-403a.
Cederström, Baroness. *see* Patti, Adelina Juana Maria.
Cedmon: *see* Caedmon.
Cedonia, Wash. [**24**-150 G2].
Cedral, Mex. [**24**-158 D3].
Cedrat, oil of **13**-908b.
Cedre, Som., Eng.: *see* Cheddar.
Cedrela odorata: *see* Red cedar.
Cedrenus, Georgius **10**-843b.
Cedriret (chem.) **18**-855a.
Cedros, Az. **9**-125d.
Cedros, isl., Mex. [**24**-158 A2].
Cedrus (tree): *see* Cedar.
— atlantica. *see* Atlas cedar.
— Deodara: *see* Deodar.
— Libani: *see* Cedar of Lebanon.
CEDULA (fin.) **5**-87a; **2**-321d.
Ceduna, Austr. [**24**-170 A4].
Cefalonia, isl., Medit.: *see* Cephalonia.
CEFÁLU, Sic. [**24**-35 E5]; **5**-87a; **5**-87a; cloisters **5**-841c.
Cefn-rhondda, mts., Wales **19**-268d.
Cefn-y-bedd, Wales [**24**-16 C1]; **7**-198c.
Cega, riv., Sp. [**24**-32 D2].
Ceh (Mayan month) **4**-581b.
CEHEGÍN, Sp. [**24**-33 F3]; **5**-87b.
Ceiba, Hond. [**24**-159 G4]; **11**-711c.
— pentandra: *see* Silk-cotton tree.
— pentandra, var. indica: *see* Kapok.
CEILING 5-87b; **12**-479c.
— light il. **1**-233.
CEILLIER, REMY 5-87d.
Ceiriog (Welsh poet) **23**-510a.
Cejita Blanca, dist., N.Mex. [**24**-148 B2].
Cel. (abbrev.) **1**-24a.
Celadon (porcelain) **18**-359c; **18**-363b; Pl. XXXVI fig. 2 **18**-POTTERY AND PORCELAIN.
— lamp **13**-632a; Pl. II. fig. 1 **13**-LAMPS, MODERN.
CELAENAE, Phrygia **5**-87d.
Celaenomys (zool.) **19**-373d.
Celakovice, Czech. [**24**-39 K3].
Čelakovský, František Ladislov **6**-964d.
CELANDINE (zool.) **5**-87d.
Celanese (artif. silk) **7**-804c fol.; **7**-791a.
CELANO, It. [**24**-34 D3]; **5**-88a.
Celanova, Sp. [**24**-32 C1].
Celas, Fr. [**24**-27 H3].
Celastraceae **5**-31a; **21**-229b; *see also* Staff-tree.
Celastrus scandens (shrub): *see* Climbing bittersweet.
Celate (casque): *see* Salade.
Celaya, Mex. [**24**-158 D3].
Celbridge, Ire. [**24**-20 E3].
Celé, riv., Fr. [**24**-26 E3]; **4**-763d.
CELEBES, isl., Mal. Arch. [**24**-72 F4; **24**-3 R5]; **5**-88a; **7**-870c; **14**-545d; archae. **12**-265b; fauna **2**-517d; **5**-89a; flora **5**-89b; geol. **5**-88c; military **7**-872a; population **5**-89b fol.; **7**-871a; Wallace's Line **2**-977a.
—, sea, Mal. Arch. [**24**-72 F3; **24**-181 L8].
Céle dé (rel.): *see* Culdees.
Celcia, Rom. Emp. map **19**-500 (F2).
Celer, M. Holconius **18**-201c.
Celeres Passiones (Soranus of Ephesus) **2**-695a.
Celeriac (bot.): *see* Turnip-rooted celery.
Celerio lineata (insect): *see* Hawk moth.
Celeripede (vehicle) **3**-543b; **6**-918c.
CELERY 5-91a; cookery **23**-27b; culture **23**-26b.
— fly **7**-413c.
CELESTE, MADAME 5-91a.
Celeste, Tex [**24**-123 F3].
— pedal **17**-900c.
Celestial, mts., C.As.: *see* Tien-Shan.
— equator (astron.) **8**-670d.
— globes **14**-840c fol.
Celestial Hierarchy, The (Dionysius Areopagiticus) **7**-396c fol.
CELESTIAL MECHANICS (astron.) **5**-91b; **8**-639d.
— photography **21**-907d; **3**-587c.
— photometry: *see* Photometry, celestial.
— poles (astron.) **5**-93d.
— sign (Chin.) **4**-575b.
— **SPHERE** (astron.) **5**-93c; il. **2**-580; **2**-580b.
"Celestial, Terrestrial and Venal Love" (paint., Agostino Carracci) **4**-926a.
Celestina (de Rojas) **7**-593a.
CELESTINA, LA 5-93d; **19**-631a; see also *Tragicomedia de Calisto y Melibea.*
CELESTINE (CAELESTINUS) (popes) **5**-93d.
— III. (pope) **5**-94a; **20**-337a; Henry VI. **11**-430d fol.; Innocent III. **12**-369c; Scottish Church **20**-157b.
— V. (pope) **5**-94a fol.; **6**-203a; **21**-539b.
Celestine, Ind. [**24**-127 B4].
— **(CELESTITE)** (chem.) **5**-94b.
— blue (dye) **7**-802a.
CELESTINES (rel.) **5**-94c.
CELESTITE (chem.): *see* Celestine.
Celetrum, Gr. Maced.: *see* Kastoria.
Celestum, Mex. [**24**-159 F3].
Celi (Ir.) **12**-598c.
Celia, Song to (B. Jonson) **17**-763b.
CELIBACY 5-94c; Gregory VII. **10**-871d; Reformation **19**-32c fol.; Zwingli **23**-998c.
Celigny, Switz. [**24**-30 A4].
Celina, Ind. [**24**-127 B4].
—, Minn. [**24**-134 E4].
CELINA, O. [**24**-124 A3]; **5**-96b.
—, Tenn. [**24**-117 F1].
Celje, Yugos. [**24**-52 B1]; *see* Cilli.
Cell (biol.) **5**-96c; Pl. **22**-TISSUE CULTURE, Pl. I. figs. 1-15 **18**-PLANTS; **3**-590a; figs. 1-20 **6**-943; fig. 22 **6**-944; **7**-111b fol; **8**-918c; 12-344c; **14**-83a fol.; **18**-617a; **22**-248a; **1**-959c, blood **3**-740a fol.; brain fig. 11 **4**-16; growth **10**-919b fol; **10**-920b; pathology **17**-377a; phagocytosis **17**-687c; plants **18**-5c; **18**-12d; **18**-18d; radiation **18**-899c; size **23**-852c; *see also* Cytology.
— (elec.) **5**-96c; **1**-110d; **1**-113a; **8**-326c; **8**-327a; battery **3**-214b; cadmium **12**-434c; chem. equation **1**-108c; **1**-108d; Clark **12**-434d, secondary **8**-314a fol.
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CELLA (arch.) **5**-96d; **16**-70a; Cambodia **12**-226a.
CELLARET (furniture) **5**-96d.
Cellar Head, cape, Scot. [**24**-18 B3].
Cellarius (dancing master) **7**-17d.
Cellar manager **11**-797d.
Cell column (anat.) **21**-218c.
— -contents **18**-5d.
— -division **8**-919a.
— doctrine **5**-96d.
CELLE, Ger. [**24**-38 F1]; **5**-97a.
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Celles, Fr. [**24**-26 C1]; **2**-308c.
— -sur-Belle, Fr. **7**-281d.
CELLIER, ALFRED (Eng. comp.) **5**-97a.
—, Elizabeth, Mrs. **7**-26b.
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Cell plate (biol.) **18**-13d.
— sap (biol.) **18**-13b.
Cellular confinement **18**-515d.
Cellular-pathologie (Virchow) **23**-178d.
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CELLULOSE (chem.) **5**-98c; **5**-100b; **5**-101b; **5**-869b; **6**-586a; **9**-503d; **9**-890d; alcohol **1**-543a; alkalies **5**-100a; carbohydrates **4**-835b; cellobiose **4**-834d; chlorination **5**-101a; colloid **6**-25d; compound **5**-100d; fertilizers **9**-197a; herbivora **7**-382a; silk **20**-661d; soil **2**-906c; vegetable **9**-213a fol.; wood **22**-218a; X-rays **23**-847d.
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— materials **5**-101c.
— nitrate **13**-850c; **5**-98a.
— paint **17**-35c.
— trinitrate: *see* Trinitrocellulose.
— varnish **22**-903d.
— xanthate **5**-369c; **23**-833b.
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Celsian (min.) **9**-153b.
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—, Olof (hist.) **21**-656d.
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—, Cornelius (Rom. writ.) **10**-182d; **11**-35a; **13**-752c; **12**-342c.
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—, Ind. [**24**-126 B2].
—, Miss. [**24**-119 C3].
—, N.Dak. [**24**-136 C2].
—, Neb. [**24**-139 G2].
—, N.Y. [**24**-102 C3].
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— Conway, N.H. [**24**-97 C3].
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Center Hill, Ark. [**24**-120 D2].
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— Institute for Cripples (Oslo, Nor.) **6**-724c.
Centralite (chem.) **22**-895c.
Centralized school: *see* Consolidated School.
Central lines (curling) **6**-877c.
Central London Railway (Lond.) **14**-353c.
— Mediterranean Sea (geol.) **11**-560d.
— Midwives Board **16**-644c.
— Mills, Ala. [**24**-118 B3].
— Municipal and Housing Bank of the U.S.S.R.: *see* Tsekombank.
— Museum (Brooklyn, N. Y.): *see* Brooklyn Museum.
— nervous system (anat.) **4**-9c; **20**-792b; **6**-165d.
— News, Ltd. (Brit. agency) **16**-328b.
— office (telephone) **21**-896d.
— ordinate (math.) **15**-254c.
— Pacific R. R. (Am) **18**-936c; **21**-91d; **22**-816d.
— Park (New York, N. Y.) **16**-385a; **13**-662c; **16**-777c; **16**-698a; map **16**-379.
— plains, region, N. Am. **16**-501d.
— plateau, Fr. **11**-256b.
— Plateau, mts., N. S. W., Austr. **16**-330a.
— Point, Oreg. [**24**-151 C5].
— Powers: *see* Austria, Germany, etc.
— processes of auditory cells (anat.) fig. 3 **7**-824.
Central Projection: maps **14**-847a fol.; **14**-851b; **18**-572b.
CENTRAL PROVINCES AND BERAR, dist., India [**24**-67 C2; **24**-65 D4; **24**-64 E4]; **5**-144a; agriculture **12**-690c; pop. **5**-145a.
— radiale (bone) **20**-742b fol.
— **RAILROAD COMPANY OF New Jersey** **5**-147a; **18**-938d.
— Railway (Peru.) **17**-630a.
— **SCHOOLS** (Brit. educ.) **5**-147b; aims **7**-971b.
— spindle (biol.) **8**-919a.
— Square, N. Y. [**24**-103 D2].
— Stations (elec.) **8**-150d; **8**-155b; **8**-167b; **8**-153d; **8**-285c; **1**-113b.
— tendon (anat.) **7**-322c.
— time (U. S.) **22**-224b.
Central Unemployed Body, Lond. **14**-360a; **8**-414a.
— Union of Potato Growers Co-operatives: *see* Soyaskartoffel.
— Union of the Co-operatives (U.S.S.R.) **15**-840b.
— Valley, N. Y. [**24**-102 F4].
— Village, Conn. [**24**-101 E1].
— Volga Area, dist., U.S.S.R. **19**-696b.
— vowels **17**-776a.
Centranthus ruber (plant): *see* Red valerian.
Centrarchidae (fish fam.) **9**-320d; **21**-567c.
Centre (math.) **21**-210a.
— (basketball) **3**-182c.
—, canal, Belg. **4**-722d.
—, canal du, Fr. **14**-338c; **9**-870b fol.
— -blowing (gas mfr.) **10**-48b.
CENTRE-BOARD (DROP Keel) **5**-147c; **23**-869d.
— College **7**-46c.
— d'Approvisionnement Intellectuel (Paris) **3**-728c.
— field (baseball) **3**-166a.
Centreless grinding machine **14**-583b.
Centre of gravity (mech.) **15**-167a; **3**-157c; *see also* Centroid.
— of mass (phys.) **15**-162c.
— of rotation **23**-210d.
Centre of spherical curvature (math.) **6**-885d.
— of symmetry **6**-810d.
— party (Ger.) **3**-667a; **10**-294a; **8**-698c.
— -service-line **13**-787d.
Centres of Gravity, On (treatise, Archimedes): see *Gravity, On Centres of.*
Centres of Gravity of Planes (Archimedes): see *Plane Equilibria, On.*
Centreville, Can. [**24**-92 C2].
—, N.B., Can. [**24**-88 B2].
—, Va. **4**-374c.
Centricae (biol.) **2**-879b.
Centrifugal fibres **16**-239d.
— -clutch (mech.) **5**-865a.
— fan (mech.) **9**-67a fol.
— flower (bot.) **9**-408c.
— force (phys.) **21**-200c; **21**-965d fol.; **18**-28b.
— governor (mech.) **10**-579c; **23**-436d.
— milling machine **9**-406d.
— pump (mech.) described **18**-764b; **8**-153a; **9**-269a.

Centring (carpentry) figs. 20 and 21 **4**-912.
Centriole (biol.) **6**-942b.
Centripetal fibres (anat.) **16**-239d.
— flower (bot.) **9**-408c.
Centriscidae **9**-318d.
Centriscoidea **9**-318d.
Centrocercus urophasianus (bird): *see* Sage hen.
Centro-clinal fold **9**-443b.
Centroid (math.) **15**-253d; **22**-461b; **15**-173a.
Centro Instrutivo y Protector de Ciegos **3**-730a.
Centrolecithal egg **12**-550c.
Centrolophus niger (fish): *see* Blackfish.
Centro nazionale cattolico (It. pol.) **21**-487b.
Centronyeteris (bat) **5**-599b.
Centropelma (bird genus) **10**-753b; **10**-753b.
Centropolis, Kan. [**24**-142 G3].
Centropomidae (fish) **9**-320d.
Centropomus: *see* Robalos.
Centropristis striatus (fish): *see* Sea bass.
Centropus chlororhynchus (bird): *see* Green-billed coucal.
Centrosome (biol.) **8**-388c; **8**-919a; **23**-979b; **18**-621d.
Centrospermae **18**-2c.
Centroysoyus (Russ. society) **6**-388a; **15**-841b; **19**-749a; **19**-707d; *see also* Central Union of the Co-operatives.
Centrum (anat.) **1**-835a; **20**-732d; **14**-752b; **9**-307d.
Centula: *see* St. Riquier.
Centum (lang.) **12**-264c.
— Cellae, anc. town, It.: *see* Civitavecchia, It.
CENTUMVIRI **5**-147d.
Centuria, Wis. [**24**-132 A4].
— praerogativa **8**-674b.
Centuries (Nostradmus.) **16**-563c.
CENTURION (Rom. offic.) **5**-147d; **19**-394c fol.
"Centurion" (ship) **2**-12a.
Centurione, Paolo **2**-290d.
CENTURIPE (Centuripae), Sic. **5**-147d.
Centurus uropygialis (bird) **7**-918d.
Century, Fla. [**24**-115 A1].
—, W.Va. [**24**-111 C2].
CENTURY (Rom. army unit) **5**-148a; **2**-398c.
— (time) **5**-148a.
Century, The (Am. period.) **17**-515b.
Century (club, Washington, D.C.) **5**-861a.
Century Dictionary: **7**-338c.
Century of Inventions (Somerset) **21**-352b.
Century of Legends (Buddhist): see *Avadānasataka.*
Century of Population Growth, **6**-60d.
Century plant (bot.) **1**-343a; **20**-720c; **1**-675b; *see also* Agave.
— theatre (N.Y.) **1**-807b.
Centwine (k.) **23**-520c.
Cenū 'im (Essenes) **8**-719d.
Cenwalh **23**-520c.
Cenwulf (Mercian k.) **8**-482d.
Céo, Soror Violante do (Port.) **18**-293d.
Ceol (Wessex k.) **23**-520c.
Ceolnoth (archbp.) **4**-766d.
Ceolred (Mercian k.) **12**-316a.
Ceolwulf (A.-S. k.) **16**-540a.
— (Mercian k.) **8**-482d; **13**-328a; **15**-266a.
— (Northumb.) **23**-3c.
— (Wessex) **23**-520c.
Ceorl (feudal class) **1**-948a; **5**-689a; **4**-166c; **23**-160c.
CEOS, isl., Medit. **5**-148a.
Cepea (zool.): *see* Hedge snail.
— hortensis (zool.) **10**-68b.
— nemoralis (zool.) **10**-68b; *see also* Wood snail.
Cepeda, Teresa de (Sp. nun.): *see* Theresa, St.
— (battle, 1859) **15**-621c.
Cépéron, mt., Fr. Gui. **5**-80d.
Cephalanthera Austinae (orchid): *see* Phantom orchis.
Cephalanthereae (orchid subtribe) **16**-849c.
Cephalanthus Occidentalis (shrub): *see* Button-Bush.
Cephalaspida (agnatha fossils) **6**-921d fol.; **16**-959b.
Cephalaspis **17**-112a; **7**-288d fol.; fig. 4 **6**-922.
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Cephaleuros parasiticus (alga) **21**-859b; **1**-602a.
Cephalic ectoderm **7**-825a.
Cephalic flexure **4**-15b.
— **INDEX** (anthro.) **5**-148b; **6**-641a; **2**-55a; **18**-865d.
Cephalic vein (anat.) **23**-29b.
Cephallenia, isl., Medit.: *see* Cephalonia.
—, Thema of, prov., E. Emp. **12**-574c.
Cephalocereus (bot.) **4**-509c.
Cephalodia (bot.) **14**-30d.
Cephalodiscus (animal) **12**-558d; **18**-729d fol.; **3**-604a.
Cephaloedium (anc.) Sic: *see* Cefalu.
CEPHALONIA (Kephallenia), isl., Gr. [**24**-54 B3; **24**-9 K6]; map **19**-500 (G4); map **1**-209; **5**-148b; **10**-755c.
Cephalophinae: *see* Duiker.
Cephalophus (animal genus): *see* Forest duiker.
— doriae: *see* Zebra antelope; Banded duiker.
— grimmi: *see* Duiker.
— jentinki (animal): *see* Jentink's duiker.
— spadix: *see* Abbots Duiker.
— sylvicultor: *see* Duiker.
CEPHALOPODA (zool.) **5**-148d; **21**-270c; eggs **8**-27d; **10**-61b; eyes fig. 3 **20**-629; Cambrian **17**-106c; Eocene **8**-632a; Jurassic **13**-194b; phosphorescence **17**-780a; evolution **5**-152b; Silurian **20**-679c; Triassic **17**-107c; heart and circulation **11**-307b; reproductive organs **15**-675d.
Cephalopterus **22**-678d.
Cephalorhynchus **5**-173c.
Cephalotaceae **12**-405a.
Cephalothorax: *see* Prosoma.
Cephalotrichidae **16**-210b.
Cephalotus follicularis (plant): *see* Pitcher plant.
Cephalus **2**-696b; **14**-536b.
"Cephalus and Procris" (Lorraine) Pl. VIII. fig. 6 **17**-PAINTING.
Cephas: *see* Peter, St.
Cepheids (astron.) **16**-187d; **5**-156b; variables **21**-323c.
CEPHEUS (Gr. myth.) **5**-156b.
— (astron.) **5**-156b; Pl. I. **21**-STAR.
Cephidae: *see* Saw-flies.
Cephisia, Attica map **2**-659.
CEPHISODOTUS **5**-156b.
Cephisophon **8**-827c.
Cephissus, riv., Gr. **2**-603c; map **2**-659.
— (battle, 1311) **10**-786d.
— (battle, 1305) **1**-672a.
— (myth.) **16**-117c.
Cephus pygmaeus **20**-27c.
Cepio, Q. S. **22**-324a.
Cepphus grylle (bird): *see* Black guillemot.
Ceprano, It. **9**-750c.
Ceps (fungus) **3**-807b.
Cer (battle, 1914) **20**-352a.
CERAM, isl., Mal. Arch. [**24**-72 G4]; **5**-156c; coral reefs **6**-422b.
— (lang.) **2**-782b.
Cerambycidae (beetle fam.): *see* Coleoptera.
Ceramic, gulf, Asia M.: *see* Cos, gulf of.
— papier mâché: *see* Papier mâché.
CERAMICS (KERAMICS) **5**-157b; Aegean **1**-213a; Pl. I. **1**-AEGEAN CIVILIZATION; Apolian **2**-154c; Austria **18**-358b; Egypt **8**-51d; France **18**-356b; Greece **10**-795b; Germany **18**-357c; Hallstatt **11**-103b; Mohammedan **15**-655b; Palissy **17**-148c; stencils **21**-382a; techniques (mod.) **18**-355c fol.; wedgewood **23**-474b; *see also* Pottery and Porcelain; *Art* and *Archaeology* under separate countries; Earthenware.
Ceramic Society, Glass Division (U.S.) **10**-420a.
Ceramicus, Gr. **1**-87c; **2**-607c; map **2**-605a.
Ceramium (plant) **1**-598d.
Ceram Laut, isls., Du. E.I. **5**-156c.
CERARGYRITE (min.) **5**-157b; **20**-682d.
Cerastes (snake genus) habits and appearance **23**-178b.
— cornutus (snake): *see* Horned viper.
Cerastium (bot.): *see* Mouse-ear chickweed.
— collinum fig. 9 **9**-409.
— hirsutum pistil (bot.) figs. 64, 65 **9**-412.
Cerasus, Asia M.: *see* Kerasund.
Cerasus avium **13**-415d.
— mahaleb fig. 4 **9**-409.
— padus (tree) **10**-445a.
Cerathyla (zool.) **1**-838b.
— Johnsoni fig. 7 **1**-838.
Ceratias (fish genus) **9**-327a.
— holboelli figs. 4 and 7 **1**-ANGLER FISHES.
Ceratinia semifulva. (butterfly) Pl. **15**-MIMICRY.
Ceratioidea (fish) **9**-326d.
Ceratioids (fish) **1**-929b.
Ceratitis capitata (insect fam.): *see* Mediterranean fruit-fly.
Ceratium (biol.) **18**-632a; fig. 1 **17**-1002.
Ceratobatrachus guentheri (animal): *see* Horned frog.
Ceratodontidae (fish) **9**-328a.
Ceratodus (fish) **2**-710d; **7**-107d; **23**-972c.
Ceratohyals (anat.) **20**-743d fol.; fig. 2 **20**-758.
Ceratonia Siliqua (bot.): *see* Locust tree.
Ceratophora **14**-248a.
Ceratophrys americana (zool.) **1**-838c.
Ceratopsia (palaeon.) **7**-391b.
Ceratopsidae **19**-188a.
Ceratopyge limestone (geol.) **16**-872.
CERATOSAURUS **5**-157b.
Ceratossa: *see* Horny Sponge.
Ceratozamia (bot.) **11**-23c.
Cerbat, Ariz. [**24**-149 A3].
—, mts., Ariz. [**24**-149 A3].
Cerbera: *see* Manghas-tree.
Cerbère, cape, Fr. [**24**-27 G5].
CERBERUS (Gr. myth.) **5**-157b; Hercules **11**-481b.
Cercamon (poet) **18**-638d.
Cercaphus, mt., Asia M. **12**-71d.
Cercaria (organisms) **17**-278b.
Cercariae (zool.) **3**-561c; trematodes **22**-451d.
Cerceau, Androuet du (Fr. art.) **12**-676b.
Cerchi (fam.) **9**-390a.
Cerchio, U.S.S.R.: *see* Kerch.
Cerci (zool.): *see* Tail-feelers.
Cercidas (Gr. philos.) **10**-838b; mimiambi **17**-245a.
Cercidium torrey anum (tree): *see* Palo Verde.
Cercis canadensis (tree): *see* American Judas-tree.
— chinensis (shrub): *see* Chinese Judas tree.
— occidentalis: *see* California redbud.
— reniformis: *see* Texas redbud.
— siliquastrum: *see* Judas tree.
Cercocebus: *see* Mangabey; Grey Ape.
Cercoctenus, a genus with two species of Macroscelididae **12**-402b.
Cercoleptes caudivolvulus (animal): *see* Kinkajou.
Cercopidae: *see* Froghopper.
Cercopithecidae **18**-488a.
Cercopithecinae **18**-488a.
Cercopithecus **15**-686b.
— diana: *see* Diana monkey.
— leucampyx: *see* Pluto Monkey.
— mona: *see* Mona monkey.
— patas: *see* Patas monkey.
— pygerythrus: *see* Vervet.
— sabaeus: *see* Grivet.
Cercospora (fungus) **20**-934a.
Cercy-la-Tour, Fr. [**24**-25 J5].
Cerda, Don Carlos de la **8**-711b; **5**-280a.
—, Fernando de la **21**-130b.
—, Juan de la **4**-729b.
Cerddorion (bards) **23**-506b.
CERDIC (W. Saxon king) **5**-157c; Hampshire **11**-137d; Wessex **4**-165b; **23**-520b.
Cerdo **5**-157c; Docetism **7**-466b.
Cerdon, Fr. [**24**-27 J1].
— (Gr. lit.) **11**-512a.
CERDONIANS (sect) **5**-157c.
Cerdre, Eng.: *see* Chard.
Cère, riv., Fr. [**24**-26 E3]; **4**-763d; **7**-538a.
Cereal, Ill. [**24**-128 D3].
—, mt., Port. [**24**-32 B4].
Cereales **1**-208d.
Cerealia (Rom. rites) **5**-157d; **5**-721d; **11**-231d; **19**-459b.
CEREALIS (CERIALIS) Petillius (Rom. gen.) **5**-157c; **5**-735a.
CEREALS (grains) **5**-157d; barley **3**-116c; oats **16**-664d; wheat **23**-558a; diet **9**-464a; **7**-357a; **6**-372a; Baltic Exchange **2**-1015b; heredity **11**-494d; marketing **14**-919b; rust **18**-35d; starch mfr. **21**-331a; World War **23**-335b; *see also* Grain Production and Trade.
Cereal zone (Ec.) **7**-938a.
Cereate Marianae (abbey, It.): *see* Casamari.
Cerebellar arteries **2**-452a.
— cortex (anat.) fig. 5 **4**-11.
CEREBELLUM (anat.): *see* Brain; *also* Equilibrium, Animal; *see also* **4**-3a; **8**-673d; il. **4**-10 fol.; peduncle fig. 3 **16**-234; lamprey fig. 8 **16**-242.
Cerebral arteries **2**-451d.
— cortex: *see* Cortex, cerebral.
— compression **4**-21b.
— dissociation **21**-491c.
— haemorrhage (disease) **2**-454d; Charcot **5**-245a.
— hemispheres (anat.) **4**-13a; il. **4**-10 fol.; lamprey fig. 8 **16**-242; embryo fig. 2 **16**-770.
— lobe (anat.) **4**-16c.
— localization **3**-772c; **4**-12b.
— meningitis **15**-249c.
— nerve **7**-376a.
— pneumography **4**-21d.
— softening **22**-162d.
— veins of Galen **4**-10b.
Cerebratulus **16**-210c.
— lacteus fig. 5 **12**-555.
Cerebri anatome nervorumque descriptio et usus (Willis) **23**-627a.
Cerebro anaemia **16**-259b.
— -spinal fluid (anat.) **4**-10c; **16**-259b; **21**-218a.
— -spinal meningitis (fever): *see* Spinal meningitis.
— -spinal system **21**-702d.
Cerebrum (anat.) **4**-9c.
Ceredig (Welsh king) **4**-853a.
Ceredigion, co., Wales **4**-853a.
—, Sir Aberteifi, co., Wales: *see* Cardiganshire.
CEREMONIAL **5**-159c; **2**-47c; **19**-324d.
— bed (Fr. custom) **3**-293c.
Cerences, Fr. [**24**-24 D3].
CERES (myth.) **5**-159c; Great Mother **10**-733b; Demeter **7**-179d; temple, Rome **19**-476d; *see also* Dea Dia.
—, N.Y. [**24**-102 B3].
—, Sc. [**24**-18 F5; **24**-12 B1].
—, Va. [**24**-110 C3].
— (astron.) **15**-575d; **17**-998a.
"Ceres" (Elsheimer) **8**-379c.
Ceresco, Mich. [**24**-131 F7].
Ceresine **16**-1007b.
Ceressus, anc. Gr. **22**-130a.
Céret, Fr. [**24**-26 F5].
Cereus: *see* Torch thistle.
— giganteus: *see* Giant cactus.
— Maynardae (cactus) Pl. fig. 1 **4**-CACTUS.
Cerezo, Sebastian **7**-16d.
Cerf, isl., Ind. O. **20**-420d.
—, lake, Can. [**24**-89 A2].
Cerfennia, It. **22**-953a.
Cerfontaine, Belg. [**24**-29 C4].
Ceria (chem.) **18**-986c.
Cerialia (Rom. rites): *see* Cerealia.
CERIALIS, PETILLIUS: *see* Cerealis Petillius.
Cerianthid fig. 1 **2**-31.
CERIGNOLA, It. [**24**-35 E4]; **5**-159d.
— (battle, 1503) **5**-159d; **6**-426c.
Cerigo, isl., Gr.: *see* Cythera.
CERIGOTTO, isl., Gr. **5**-159d; map **2**-659.
Cérilly, Fr. [**24**-27 F1; **24**-25 H5].
Ceriman araceae **2**-200d.
Cerimoniis aulae Byzantinae, De (Constantine VII.) **6**-300c.
CERINTHUS (Christian heretic) **5**-159d.
Cerinthus, Gospel of (bibl. apocrypha) **2**-107c.
Cerions (zool.) **10**-67b.
Ceriph: *see* Serif.
Cérisier, René de **10**-115d.
Cerisiers, Fr. [**24**-25 J3].
Cerisoles (battle, 1544) **5**-69d.
Cerisy-la-Salle, Fr. [**24**-24 D2].
Cerite (min.) **18**-986b.
Cerithium (zool.) **8**-632a; respiratory **10**-63a.
CERIUM (chem. element) **5**-160a; **5**-361b; melting and boiling points **8**-348b; symbol, atomic number, atomic weight **2**-650b; properties **18**-986a; **15**-324c; periodic law **17**-520a.
Cerizay, Fr. [**24**-24 E5].
Cerknica, Yugos. [**24**-52 B2].
Cerkow Berg, mt., Czech. [**24**-39 H4].
Cerna Horna, mts., Czech. height **19**-771c.
Cerná Tisa, riv., Czech. [**24**-51 J2; **24**-41 G4]; *see also* Black Tisa.
Cernauti, Rum.: *see* Czernowitz, Rum.
Cernavoda, Rum. [**24**-53 E3].
Cernay, Fr. [**24**-25 N4].
Cernay-la-Ville, Fr. **20**-284d.
Cerne Abbas, Eng. [**24**-17 D4].
Cernier, Switz. [**24**-30 B2].
Cernovice, Czech. [**24**-39 K4].
CERNUSCHI, HENRI (It. pol.) **5**-160b; **3**-580c.
Cerný cabinet **6**-960d.
CEROGRAPHY **5**-160b.
Ceromasia sphenophori (insect) **7**-415a.
Ceromel (medicine) **11**-716b.
Ceromya (fossil) **1**-71d.
Ceron (chess player) **5**-432a.
Cerorus (animal): *see* Tahr.
Cerotic acid (chem.) **3**-316b.
Cerralvo, Mex. [**24**-158 E2].
—, isl., Mex. [**24**-158 C3].
Cerreto, Campania, It. [**24**-35 E4].
—, Emilia, It. [**24**-34 C2].
—, mt., It. **1**-724b.
Cerrig-y-Druidion, Wales [**24**-16 C1].
Cerrillos, N.Mex. **16**-319b; petrified forest **19**-974d.
Cerring (Sax. fam.) **5**-247b.
Cerro (in names of mts.) *e.g.* Cerro Nevado, etc.: *see* Nevado, &c.
—, co., Ia. [**24**-138 D1].
—, N.Mex. [**24**-148 D2].
—, Urug. **15**-763b.
Cerro (temple, Mex.) **17**-116b.
Cerro Azul, Mex. **17**-664b.
CERRO DE PASCO, Peru [**24**-162 B6]; **5**-160b; **1**-903a; **17**-629d; Pl. I. fig. 5 **21**-SOUTH AMERICA.
— de Pasco Mining Co. **5**-160c.
— Gordo, co., Ia. **15**-18d.
Cerrogordo, Ark. [**24**-120 A4].
Cerro Gordo, Ill. [**24**-128 D4].
— Gordo, N.C. [**24**-112 G3].
— Gordo, Tenn. [**24**-117 C2].
— **GORDO**, pass, Mex. **5**-160c; battle, 1847 **19**-972b; **15**-390d.
— Gordo de Potosí, Bol., **18**-337b.
— Grand, Ida. [**24**-145 E6].
— Largo, dept., Urug. [**24**-165 F3]; **22**-905b.
Cersobleptes (Thracian prince) **7**-193b; **17**-721c.
Certã, Port. [**24**-32 B3].
Certaine Experiments concerning Fish and Fruite (Taverner) **1**-933a.
CERTALDO, It. **5**-160d.
Certayne Ecloges of Alexander Barclay, Priest (Barclay) **3**-105b.
Certhia brachydactyla (bird) tree-creeper **22**-445c.
— familiaris (bird): *see* Tree-creeper.
Certhi familiaris albesceus: *see* Mexican creeper.
— familiaris americana: *see* Creeper, Brown.
— familiaris montana: *see* Rocky Mountain creeper.
— familiaris occidentalis: *see* California creeper.
— familiaris zelotes: *see* Sierra creeper.
CERTHIIDAE: *see* Tree-Creeper.
Certhilauda fig. 1 **13**-725.
Certhiola (bird) **21**-530d.
Certicesford: *see* Charford, Hants., Eng.
Certificat d'aptitude **7**-997b.
CERTIFICATE OF DEPOSIT (fin.) **5**-160d.
— **OF INDEBTEDNESS** (fin.) **5**-161a.
— of stock (fin.) **21**-415d.
— system (betting) **10**-13a.
Certification (law) **12**-391b.
Certified case (law) **2**-133d.
— **CHEQUE** (fin.) **5**-161a; **3**-42c; **3**-575b.
CERTIFIED PUBLIC ACCOUNTANT **5**-161b; **1**-103d.
Certiorari (law) **2**-128b fol.; **23**-811b.
Certosa di Pavia (monastery, Pavia) **17**-401d; Borgognone **3**-901b; choir fig. B **5**-614; cloisters **5**-841d; Pl. I. fig. 7 **1**-ABBEY.
— di Pisa **17**-954c.
Certosas (eccl. order) **1**-19c.
Certosa situlae **8**-734a.
Cerularius, Michael **17**-196c.
Cerulean, Ky. [**24**-116 C4].
Cerulean warbler **23**-331b.

Cerumen (physiol.) **2**-695c; (beeswax) **20**-884c.
Cerura vinula (insect): *see* Puss moth.
Cerus god (myth.) **5**-159c.
CERUSSITE (min.) **5**-161b; carbonates **4**-838d; **13**-818a fol.; Pl. II. fig. 2 **15**-MINERALOGY.
CERUTTI, GIUSEPPE (Fr. au.) **5**-161c; **10**-358c.
Cervantes, Rodrigo de (Sp. surg.) **5**-161c fol.
CERVANTES, SAAVEDRA, Miguel de 5-161c, **18**-593d; house, Madrid **14**-617a; humour **11**-885a; picaresque novel **17**-906b; influenced by Heliodorus **11**-398b; plays **7**-593c; work **21**-157b; Renaissance in Spain **19**-130a; satire **20**-6a.
Cervantes (overture, Mackenzie) **14**-587d.
Cervantes Saavedra, Miguel de, Life of (Fitzmaurice-Kelly) **9**-336d.
Cervaro, riv., It. **12**-756c.
Cervati, mt., It. [**24**-35 E4]; **4**-675b.
Cervelat: *see* Saveloy.
Cervené, Czech. [**24**-39 L4].
CERVERA, PASCUAL Cervera **y Topete 5**-164d; Span.-Am. War **21**-140a; **21**-150d fol.
—, Lerida, Sp. [**24**-33 G2].
—, Palencia, Sp. [**24**-32 D1].
— del Río Alhama, Sp. **14**-336d.
Cerveteri, It.: *see* Caere.
Cervia, It. [**24**-34 D2].
Cervialto, mt., It. [**24**-35 E3].
Cervical arteries **2**-452a.
— flexure (anat.) **4**-15b.
— ganglion **16**-240b.
— nerves **16**-235a.
— plexus (anat.) **16**-235c.
— spinal tract **9**-130c.
— ventral tract **9**-130c.
— vertebrae **20**-732d; axial skeleton il. **20**-732; 6th of dog fig. 8 **20**-735; spine fig. 2 **20**-733.
Cervicapra **19**-29c; *see also* Reedbuck.
Cervicaprinae **23**-407c.
Cervicitis (med.) **11**-37b.
Cervicorn processes **21**-213d.
Cervidae (animal fam.) deer **7**-134a; fallow-deer **9**-57b; horns **17**-430c; contrasted with Bovidae **3**-974c.
Cervinae (deer) **7**-134c.
Cervini, Marcello (pope): *see* Marcellus II.
Cervix **11**-38a; **19**-173c.
— uteri (anat.) **4**-732a fol.
Cervoni, Jean Baptiste **9**-816b.
Cervulus muntjac (mammal): *see* Muntjac.
Cervus (deer genus) **7**-135b.
— albirostris: *see* Thorold's deer.
— axis (mammal): *see* Chital.
— canadensis: *see* Wapiti.
— capreolus coxi **17**-551b.
— cashmiriensis: *see* Hangul.
— duvauceli: *see* Bara-singha.
— elaphus: *see* Red-deer.
— elaphus Maral: *see* Caspian red deer; Maral.
— eustephanus **23**-321b.
— hippelaphus **15**-108a.
— luchdorfi (animal): *see* Manchurian wapiti.
— macneilli: *see* Macneill's deer.
— porcinus: *see* Hog deer.
— unicolor: *see* Sámbhal.
— songaricus (animal): *see* Maral wapiti.
— wallichi (deer): *see* Shou.
— yarklandensis (deer): *see* Yarkland stag.
Cerv Voda, Czech. [**24**-50 E1]; **24**-40 C3].
Ceryl alcohol **9**-118a.
Cerzeto, It. [**24**-35 F5].
Cesale, Facino C. de **23**-193d.
Cesalpino, Andreas: *see* Caesalpinus, Andreas.
César de Bus **7**-491d.
"Cesare" (battleship) **3**-223b.
Cesare, G.: *see* Vanini, L.
—, Oscar Pl. VI. fig. 5 **4**-CARICATURE.
— Battisti, Via (It.) **19**-473b.
CESAREVICH (title) **5**-165a.
—, bay, U.S.S.R. [**24**-49 H5].
Cesarewitch (race) **5**-165a; **11**-765a.
Cesari, Antonio **12**-746b.
—, **GIUSEPPE 5**-165a.
Césaro, E. **20**-366a.
CESAROTTI, MELCHIORE 5-165a.
CESENA, It. [**24**-34 D2]; **5**-165b.
Cesi, Federigo **3**-612b.
Cesis, Latvia: *see* Wenden.
Cesium **2**-650b.
Ceská Lípa, Czech. [**24**-39 K3].
— Třebová, Czech. [**24**-50 E2; **24**-40 C4].
Ceský Kamenice, Czech. [**24**-39 K3].
Cesky Brod, Czech. [**24**-39 K3].
— Dub, Czech. [**24**-39 K3].
Ces Lipa (Böhm Leipa), Czech. [**24**-50 D1].
CESNOLA, LUIGI P. DI 5-165b.
Céspedes, Carlos M. de **3**-238c; **6**-840b.
—, **PABLO DE 5**-165c.
CESPEDES Y MENESES, Gonzalo de **5**-165d; **17**-906c.
Cess, Kan. [**24**-142 A4].
CESS 5-165d.
Cesse, riv., Fr. [**24**-26 F4].
Cessenon, Fr. [**24**-27 G4].
CESSIO, BONORUM 5-165d.
Cessna, Pa. [**24**-106 C3].
CESSNOCK: *see* Maitland, West and East.
Cessolis, Jacobus de **5**-434a.
"Cessot" (violin) **21**-446d.
Cesspool fig. 6 **19**-948
CESTI, MARC' A. 5-166a.
CESTIUS, LUCIUS 5-166a.
CESTODA: *see* Tapeworms.
Cestona, Sp. **15**-531b.
Cestos, riv., Lib. [**24**-80 C4].
Cestrene **20**-938d.
Cestrefeld: *see* Chesterfield, Derby., Eng.
Cestrus, riv., Asia M.: *see* Ak Su.
CESTUI, CESTUY: *see* Trust and Trustees.
CESTUS (glove): *see* Caestus.
— (girdle) **4**-528a.
— (zool.): *see* Girdle of Venus.
CETACEA (zool) **5**-166a.
CETATEA ALBA (Akkerman), Rum. [**24**-53 E2; **24**-9 N4]; **5**-174c.
Ceteham, Eng.: *see* Chatham.
Cetewayo: *see* Cetywayo.
CETHEGUS (fam.) **5**-174c.
Cetin: *see* Cetyl palmitate.
CETINA, GUTIERRE DE 5-174d.
Cetina, riv., Yugos. [**24**-52 C3]; **23**-920a.
CETINJE, Yugos. [**24**-52 D3]; map **23**-916; **5**-174d.
Cetiosaurus **7**-391a; **13**-194a.
Cetobriga, Port. **20**-379c.
Cetomimidae (zool.) **9**-314d.
Cetonia aurata: *see* Rose-chafer.
Cetoniinae (zool.) **5**-187c.
Cetopsis occidentalis: *see* Ciego.
Cetorhinus maximus: *see* Basking shark.
Cetraria islandica: *see* Iceland moss.
Cetraro, It. [**24**-35 E5].
CETTE, Fr. [**24**-27 G4]; **5**-175a.
—, Canal de (Fr.) **5**-175a.
Cettigne, Monten. **15**-756b; *see also* Cetinje.
CETUS 5-175b; Pls. I., II. **21**-STAR.
Cetyl alcohol **9**-118a.
— palmitate **21**-208c.
CETYWAYO (Zulu k.) **5**-175c; **23**-130a; **23**-992c.
CEULEN, LUDOLPH VAN 5-175d.
CEUTA, Mor. [**24**-78 C1]; **5**-176a; capture (1415) **11**-448a; **18**-277d.
—, bay, Mex. [**24**-158 C3].
Ceuthorhynchus sulcicollis (insect) **9**-989a.
CEVA, TOMASSO 5-176b.
CEVA, It. **5**-176b; **9**-817b fol.; **22**-584b.
Cevadine: *see* Veratrine.
Cevallos, Pedro de **17**-906b.
Cevan cheese **5**-176b.
Cévennes, Fr. **4**-665d.
CEVENNES, mts., Fr. [**24**-23 E5; **24**-8 F5; **24**-178 F7]; **5**-176b.
Cevenole: *see* Occidental.
Cevio, Switz. [**24**-31 F4].
Ceylon, Minn. [**24**-135 D8].
—, O. [**24**-124 C2].
—, Pa. [**24**-106 B4].
CEYLON, isl., India [**24**-67 D5; **24**-64 F8; **24**-3 Q4; **24**-180 G8; **24**-182 F8; **24**-1]; **5**-176d; Pl. III. figs. 1, 7 and 9 **2**-ASIA; arch. **12**-224c; art **12**-218b; chronicles **1**-44d; **14**-675a; climate **2**-517a; Colombo **6**-38d; defense **10**-682d; *Dipavamsa* **7**-401c; fauna **5**-178b; flora **2**-519d; forestry **9**-502c; game fields **3**-554a; **10**-6d; geology **5**-177c; history **2**-531b; **5**-180b; Indian coolie labour **6**-376d; marriage statistics **14**-956b; masks **15**-13a; polyandry **18**-178b; railways **18**-919d; ritual dances **7**-21d fol.; Rom.-Du. law **5**-181d; **19**-431a; sapphires **19**-989b; sculpture Pl. VII., XI., XII. **18**-INDIAN AND SINHALESE ART AND ARCHAE.
CEYLON: *Commerce and Industry:* **7**-770a; coffee disease **18**-36a; iron and steel **12**-681c; commerce with Nfd. **16**-291a; products **5**-180a; salt production **19**-900a; tea exports **21**-860b fol.
—: *Population:* **5**-179a; **22**-894b; birth-rate **3**-652c; death-rate **7**-113a; native **4**-175b; natural increase **18**-238b.
— coffee-leaf disease: *see* Coffee-leaf disease.
— elk **5**-178c.
Ceyx (myth.) **1**-547a.
Ceyx (kingfisher) **13**-395b.
Ceyzériat, Fr. [**24**-27 J1].
Cézallier, mts., Fr. **4**-763d.
CEZANNE, PAUL 5-183a; **18**-320d fol.; **17**-54b, landscape painting **13**-672d; "L'Estaque" Pl. XXI. **17**-PAINTING; "L' Homme à la Pipe" Pl. **18**-POST IMPRESSIONISM; self-portrait Pl. III. fig. 8 **18**-PORTRAIT-PAINTING; **17**-62a.
Cézanne (Fry) **9**-889a.
Cèze, riv., Fr. [**24**-27 H3]; **5**-176d; **10**-20c.
Cezon, ft., Fr. [**24**-25 A3].
cf. (abbrev.) **1**-24a.
cg. (abbrev.) **1**-24a.
C-group (people) **16**-584c fol.
C.G.S., c.-g.-s. (abbrev.) **1**-24a.
C.G.S. SYSTEM (phys.) **5**-184a; **1**-64a; **17**-878d; *see also* Metric system.
Ch. (abbrev.) **1**-24a.
C.H. (abbrev.) **1**-24a.
Chaba, riv., Fr. Equat. Af. [**24**-184 E4].
Chaban, Fr. I. C. **4**-641a.
Chabanais, Fr. [**24**-26 D2].
Chabane, E. Af. [**24**-81 E2].
Chabaneix **9**-802b.
Chabannes, count of Dammartin: *see* Dammartin.
Chabar, rock, Nig. **16**-436c.
Chabarrou, Pic de, mt., Fr. **5**-64a.
Chabas, François J. **8**-41d.
Chabaud de la Tour, M.: *see* Louis Philippe I. (Fr.).
CHABAZITE (min.) **5**-184a.
Chabestan, Fr. [**24**-27 J3].
Chabeuil, Fr. [**24**-27 J3].
Chabhana Dagh, mt., Gr. [**24**-55 D2].
Chabjuwardoo, bay, W. Aus., Austr. [**24**-168 A3].
Chablais, dist., Fr. [**24**-27 K1].
Chable, Switz. [**24**-30 C4].
CHABLIS, Fr. [**24**-25 J4]; **5**-184b; wine **4**-407d; **5**-184b.
Chaboillez, Charles (expl.) **16**-530d.
CHABOT, FRANCOIS (rev.) **5**-184c.
—, Josephine de **10**-516d.
—, **PHILIPPE DE,** Seigneur de Brion, Count of **5**-184b.
Chabran, Joseph, count **9**-826d; **9**-828b.
CHABRIAS 5-184c; Egyptian campaigns **8**-76c; battle of Naxos **7**-166b.
CHABRIER, ALEXIS EMmanuel 5-184d.
Chaburŏth (group) **8**-794b.
Chac (Maya god) **5**-131d.
Chaca, Chil. [**24**-162 C7].
Chacabuco, Arg. **4**-339a; (battle, 1817) **19**-978b; **2**-328c.
Chacachacare, isl., Brit. W.I. **22**-478a.
Chacahua, bay, Mex. [**24**-159 E4].
Chaca lophioides **9**-316c.
Chacao, gulf of, Chil. **5**-501d.
—, plain, Venez. **4**-825c.
Chaces, Mass. [**24**-99 D2].
Chachalaca (bird) **15**-381a.
Chachani, mt., Peru **2**-311c.
Chachanobori, mt., Jap. **13**-522b.
Chachapoyas, Peru [**24**-162 B5; **24**-160 B3]; Amazonas **1**-736d; **17**-629c.
Chachro, India **12**-229b.
Chacidae (fish) **9**-316c.
CHACMA (animal) **5**-184d; — baboon **18**-488b.
Chaco, dept., Bol. [**24**-162 E8, **24**-165 D1]; **3**-815d.
CHACO, terr., Arg. [**24**-165 D2]; **5**-184d.
—, lowland, Parag. **17**-258a.
—, riv., N. Mex. [**24**-148 A2].
Chacobos (S. Am. Indians) **17**-187d.
CHACO CANYON, natl. monument, N. Mex. [**24**-148 A2]; **5**-185a; **16**-155b.
Chacoff, cape, Alsk. [**24**-156 P9].
Chacon, Lázaro Guat. **10**-944a.
—, N. Mex. [**24**-148 D2].
Chacona (dance) **7**-16c.
CHACONNE 5-185a; **22**-990a.
Chacra, Arg. **5**-22d.
— Mesa, plain, N. Mex. [**24**-148 B3].
CHAD (CHADDA), SAINT (abbot) **5**-185a; **3**-467a.
—, colony, Af. **2**-925c.
CHAD, lake, Fr. Equat. Af. [**24**-3 M4; **24**-184 E4; **24**-1]; **5**-185b; **3**-905a; affluents **9**-756b; Fr. **20**-326d.
Chadarghat, suburb, Hyderabad **11**-959b.
Chadbourn, Mont. [**24**-144 C3].
—, N. C. [**24**-112 G3].
Chadbourne, ft., Tex. **21**-660c.
CHADDERTON, Lancs., Eng. **5**-186a.
Chadd's Ford, Pa. [**24**-107 F4]; **7**-155b.
—, battle of (1777): *see* Brandywine.
CHADERTON, LAURENCE (cler.) **5**-186a.
Chadi-leubu, riv., Arg. **17**-166b.
Chadourne, Louis **9**-802b.
CHADRON, Neb. [**24**-139 B2]; **5**-186a; college **16**-182c.
Chadum, riv., Bech. [**24**-81 C1].
Chadwell, Eng. [**24**-15 D4].
Chadwick **16**-589d fol.
—, **SIR EDWIN** (reformer) **5**-186a; health dept. **18**-738d.
—, George W. **16**-18c; **20**-995b.
—, Henry **3**-165c.
—, Ill. [**24**-128 C1].
—, Mo. [**24**-140 D5].
—, N. Dak. [**24**-136 C3].
—, N. J. [**24**-105 B3].
Chadyr Lunga, Rum. [**24**-53 E2].
Chaepod worm fig. 3 **20**-629.
Chaerea, Cassius **4**-599d.
CHAEREMON (dram.) **5**-186c.
CHAEREMON (philos.) **5**-186c.
Chaerephon limbatus (bat) **5**-001a.
CHAERONEIA, anc. town, Gr. **5**-186c; battle (86 B.C.) **2**-264d.
—, **BATTLE OF** (338 B.C.) **5**-186d; **1**-259d; **2**-397b; **17**-721d; Demosthenes' funeral oration **7**-194d; end of Delian League **7**-167b.
Chaerophyllum: *see* Chervil.
Chaetae **1**-988b; *see also* Setae.
Chaetoceras plankton fig. 1 **17**-1002.
Chaetochloa, **15**-500b.
— italica **15**-500c.
Chaetocladium **9**-929b.
Chaetodipterus faber: *see* Angel-fish; Spade-fish.
Chaetodon fasciatus Pl. I. fig. 5 **9**-FISHES.
— ornatissimus Pl. I. fig. 4 **9**-FISHES.
Chaetodontidae **9**-321a.
Chaetodon triangulum Pl. I. fig. 3 **9**-FISHES.
Chaetodonts: *see* Butterfly fish.
CHAETOGNATHA 5-187a; **17**-1002d.
Chaetogordius **1**-989b.
Chaetomium (fungus) **9**-932c.
Chaetondontidae **1**-921b.
Chaetonotus maximus: *see* Gastrotricha.
Chaetophorales **1**-594c.
CHAETOPODA 5-187c; **17**-106b.
Chaetopod worm **13**-866a; **20**-631c.
Chaetopterus **1**-992c; Pl. fig. 4 **17**-PHOSPHORESCENCE.
Chaetura pelagica: *see* Chimney swift.
CHAFER 5-187c; **6**-5a.
CHAFF 5-187d; **10**-655b.
CHAFFARINAS (ZAFFARines) isls., Medit. 5-187d.
CHAFF-CUTTER: *see* Farm Machinery; *see also* **9**-83c.
Chaffee, A. R. **21**-151c.
—, co., Colo. [**24**-147 D3].
—, Mo. [**24**-141 H4].
—, N. Dak. [**24**-136 G3].
—, N. Y. [**24**-102 B3].
Chaffey, Wis. [**24**-132 A3].
Chaffey irrigation scheme (Austr.) **12**-691a.
Chaffin, Mass. [**24**-98 C1].
CHAFFINCH 5-188a; **9**-130b.
Chaffin's Bluff (Va.) **17**-652a fol.
CHAFING-DISH 5-188a.
Chafukma, N. Rhod. [**24**-82 E5].
Chagai, India [**24**-65 A3]; **3**-5c.
Chagall, Marc: "Le Rabbin" Pl. XVIII. fig. 6 **17**-PAINTING.
Chagarzai **23**-926d.
Chagas, João **18**-282d.
Chagas' disease **17**-269b.
Chagati: *see* Jagati.
Chagford, Eng. [**24**-17 C4]; Pl. I. fig. 2 **8**-ENGLAND.
Chagny, Fr. [**24**-25 K5].
CHAGOS, archip., Ind. O. [**24**-3 P5; **24**-1]; **5**-188a; **6**-422b; **12**-246d.
Chagos bank, Ind. O. **5**-188a.
Chagra, riv., U.S.S.R. [**24**-49 G4].
CHAGRES, Pan. **5**-188b.
—, riv., Pan. **17**-168c.
Chagrin: *see* Whale-shark.
— Falls, O. [**24**-124 D2].
Chagru Kotal, pass, India **19**-916c.
Chāhamāna: *see* Chauhān.
Chahar, prov., Mong. [**24**-69 J3]; **5**-508b; **13**-244c; **15**-709c.
Chahardar, mt. pass, C. As. **11**-581b.
Chahar-lang (tribe) **2**-946b.
Chahbar Pers. [**24**-63 E3].
Chah Ghaibi Hamun, Pers. [**24**-63 E3].
Chahil Dukteran: *see* Kushk Post, U.S.S.R.
Chahiltan, mt., Bal. **3**-6b; **18**-848b.
Chahocoman, mt., Peru **17**-911d.
Chahorra, mt., Teneriffe Descr. **21**-930c.
Chah-Sindeh (mosque, Samarkand) **15**-835d.
Chah Surkh, 'Iraq [**24**-61 B2].
Chaiapum, Siam [**24**-71 B2].
Chaibasa, India [**24**-66 B2].
Chai Chai, Port. E. Af. [**24**-81 E3]; **10**-82d; *see also* Vila João Belo.
Chaidari, Gr. **10**-822a.
Chai-Ju, isl., Kor.: *see* Quelpart.
Chailey, Eng. [**24**-15 C5].
Chailland, Fr. [**24**-24 E3].
Chaillé-les-Marais, Fr. [**24**-26 B1].
Chaillé-Long, C. **16**-456d.
Chailletiaceae: *see* Dichapetalum.
Chaillexon, lake, Fr. **7**-549d.
Chaillol, mt., Fr. [**24**-27 K3].
Chaillu, Paul B. du **9**-757a; **10**-531c.
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—, lake, Me. [**24**-96 B3].
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— (Anjou): *see* Charles I. (Naples and Sicily).
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— (Habsburg): *see* Charles V. (emp.).
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—, co., Ala. [**24**-118 D1].
—, co., Ga. [**24**-114 B2].
—, co., Ia. [**24**-138 B2]; 5-418c.
—, co., Kan. [**24**-142 H4].
—, co., N.C. [**24**-112 A2].
—, co., Okla. [**24**-143 J3].
—, co., S.C. [**24**-113 C1].
—, co., Tex. [**24**-123 G4].
—, Ala. [**24**-118 A1].
—, Ariz. [**24**-149 B3].
CHEROKEE, Ia. [**24**-138 B2]; 5-418c.
—, Kan. [**24**-142 H4].
—, Ky. [**24**-116 H2].
—, Me. [**24**-96 E3].
—, N.C. [**24**-112 B2].
—, Okla. [**24**-143 E2].
—, S.C. [**24**-113 C1].
—, Tex. [**24**-123 E2].
— Falls, S.C. [**24**-113 C1].
— Park, Colo. [**24**-147 E1].
— rose **19**-554b.
CHEROOT 5-418d; 5-704a.
Chéroy, Fr. [**24**-25 J3].
CHERRAPUNJI, India [**24**-66 C1; **24**-64 H3]; 5-418d; **12**-154b.
Cherra Saaheh, canal, Mesop. **8**-818c.
Cherrepe, Peru [**24**-162 B5].
Cherringe, Lond., Eng.: *see* Charing.
Cherrington, Ernest H. **18**-567b.
CHERRONESUS (penin.): *see* Chersonese.
Cherry, co., Neb. [**24**-139 C2].
Cherry, Ariz. [**24**-149 C4].
—, Ill. [**24**-128 C2].
—, N.C. [**24**-112 J2].
—, N.Dak. [**24**-136 A2].
—, Neb. [**24**-139 C2].
—, S.Dak. [**24**-137 C2].
—, Tenn. [**24**-117 B2].
—, cr., Colo. **7**-226d.
—, cr., N.Dak. [**24**-136 A2].
—, cr., S.Dak. [**24**-137 C2].
— (coffee berry) 5-973c fol.
— (currants) **9**-885c.
CHERRY (fruit tree) 5-418d; fig. 5 **9**-877; branch portion fig. 20 **13**-826; flower il. **19**-550d; Gt. Brit. **9**-879b; Gt. Brit. **9**-879c; grass orchards **9**-880a; Japan **12**-897d; Rosaceae fam. **19**-550d; il. **19**-549; U.S. **9**-884d; **9**-885b.
Cherry and the Slae (Montgomery) **15**-765d.
Cherry birch (tree): *see* Sweet birch.
— Box, Mo. [**24**-141 E2].
— Creek, Nev. [**24**-153 F3].
— Creek, N.Y. [**24**-102 A3].
— cutter **7**-353d fol.
Cherrydale, Va. [**24**-108].
Cherryfield, Me. [**24**-96 E4].
Cherryfield, N.C. [**24**-112 C2].
Cherry Flats, Pa. [**24**-107 D2].
— Fork, O. [**24**-125 B5].
Cherry-Garrard (expl.) **2**-17d.
Cherrygrove, Ark. [**24**-120 C3].
Cherry Grove, Oreg. [**24**-151 B2].
Cherrygrove, Pa. [**24**-106 B2].
Cherry laurel (bot.) **13**-769a; **19**-550d.
Cherrylog, Ga. [**24**-114 B2].
Cherry Orchard The (A. P. Chekhov) 5-338b.
Cherry-pie: *see* Heliotrope.
Cherryplain, N.Y. [**24**-103 G3].
Cherry Point, Ill. [**24**-128 E4].
— Ridge, Mont. [**24**-144 D1].
— tomato (plant) **22**-276a.
Cherrytree, Pa. [**24**-106 C3].
CHERRYVALE, Kan. [**24**-142 G4]; 5-419c.
Cherry Vale, N.Mex. [**24**-148 E3].
— Valley, Ark. [**24**-120 E2].
— Valley, Ill. [**24**-128 D1].
— Valley, Mass. [**24**-98 C1].
— **VALLEY,** N.Y. [**24**-103 F3]; 5-419c.
— Valley, O. [**24**-124 E2].
— Valley, Pa. [**24**-106 A3].
— Valley, township, N.Y. 5-419c.
— Valley massacre 5-419c; **16**-375a.
Cherryville, N.C. [**24**-112 D2].
—, Pa. [**24**-107 F3].
Chersiots (race) **18**-868b.
CHERSIPHRON 5-419d; **8**-643b.
Cherski (expl.) **19**-685a.
Cherski, mts., U.S.S.R. **19**-683d.
Cherso, It. [**24**-34 E2].
CHERSO, isl., It. [**24**-34 E2]; 5-419d.
Cherson, U.S.S.R. 5-420a; **19**-445b.
CHERSONESE (CHERSONESUS (penin.) 5-420a; 15-507a; The Heracleotic **20**-382a.
"Chersonese, On the" (Demosthenes) **7**-193d; **7**-194c.
— Cimbrica: *see* Jutland peninsula.
— Heracleotica: *see* Kherson.
— Scythica: *see* Crimean peninsula.
— Taurica: *see* Crimean peninsula.
— Thracica: *see* Dardanelles.
Chersydrus (snake) **20**-852a.
CHERT (geol.) 5-420c; abrasive **1**-62a; flint type **9**-382b metamorphism **15**-325d; occurrence **6**-213b.
Chertomlyk (tomb) **20**-237b.
— vase **20**-237c; **20**-236b.
CHERTSEY, dist., Sur., Eng. 5-420c.
—, Eng. [**24**-15 C4].
— abbey, Sur., Eng. **21**-608b.
Cherty series (geol.) **13**-196a.
"Cherub" (warship) **23**-359c.
CHERUBIM 5-420d; **1**-920c.
Cherubin de Aviliana **21**-406d.
CHERUBINI, MARIA LUIGI C. Z. S. 5-421a; **16**-804c.

Cherubinischer Wandersmann (Angelius Silesius) see *Geistreiche Sinn und Schlussreime.*
Cherub log (nav.) **14**-299c.
Cheruchup, riv., Billiton, Du. E.I. **3**-571b.
CHERUEL, PIERRE Adolphe **5**-422a.
Cherumans **4**-983a; **4**-984d.
CHERUSCI **5**-422b; **21**-981b.
Chervil (plant) **22**-678d.
Chervlennaia, U.S.S.R. [**24**-49 G6].
CHERVONETZ (currency) **5**-422b; **19**-709d; **19**-739b; **21**-99d.
Cherwell, riv., Eng. [**24**-15 B3]; **16**-993c; **22**-16b.
Chesaning, Mich. [**24**-131 G6].
Chesapeake, Md. [**24**-109 D1].
—, O. [**24**-125 C5].
—, bay, Md. and Va. [**24**-109 C2; **24**-110 H3; **24**-189 L3]; **7**-152a; **22**-714d.
"Chesapeake" (ship) **4**-229b; **23**-359c.
Chesapeake (strawberries) **9**-885c.
— **AND DELAWARE CANAL**, U.S.A. [**24**-109 D1]; **5**-422c.
— **AND OHIO CANAL**, U.S.A. **5**-422c.
— **AND OHIO RAILWAY Company** **5**-422c.
— bay retriever (dog) **20**-570c; Pl. II. fig. 11 **7**-DOG.
— Beach, Md. [**24**-109 C2].
— City, Md. **5**-422c.
— Junction, D.C. [**24**-108].
Chesaw, Wash. [**24**-150 F2].
Cheseaux, Switz. [**24**-30 B3].
Chesebrough Manufacturing Co. **23**-1b.
CHESELDEN, WILLIAM **5**-422d; **14**-809d.
CHESHAM, dist., Bucks., Eng. **5**-422d.
—, Sur., Eng. [**24**-15 C4].
— Queens., Austr. [**24**-170 F2].
CHESHIRE, co., Eng. [**24**-10 D3; **24**-16 D1; **24**-13 B4]; **5**-423a; agriculture and industries **5**-423d; coal **5**-876d; **10**-701c; communications **5**-424a; dairy cattle **10**-728b; history **5**-423c; indus. **10**-724a fol.; population and administration **5**-424b; **8**-463c.
—, co., N.H. [**24**-97 B4]; **13**-311c.
—, Conn. [**24**-101 C1].
—, Mass. [**24**-98 A1].
—, O. [**24**-125 C5].
— Harbor, Mass. [**24**-98 A1].
Cheshire, The History of (Ormerod) **16**-912d.
Cheshire cheese **5**-423d fol.; **5**-333b; **5**-335a; **19**-229c.
— piles (poultry) **5**-943c.
— Regiment **15**-211d.
Cheshkaya, bay, U.S.S.R. [**24**-48 G1].
Cheshme, Turk. [**24**-58 B3].
CHESHUNT, Herts., Eng. [**24**-15 C4]; **5**-424c; **8**-626c.
—, bay, N.G. **17**-241c.
— College (Cambridge, Eng.) **5**-424c; **4**-653d; **6**-250c.
— Experimental and Research Station **11**-777c.
Chesières, Switz. [**24**-30 C4].
CHESIL BANK, Dorset., Eng. [**24**-17 D4]; **5**-424d; **7**-544a; beach **3**-245d.
Chesilhurst, N.J. [**24**-105 B3].
Cheslatta, lake, B.C., Can. [**24**-92 D4].
Chesley, Can. [**24**-90 B2].
Chesnaye, N. de la **7**-588a.
Chesnee, S.C. [**24**-113 C1].
CHESNELONG, PIERRE Charles **5**-424d.
Chesney, Alexander **5**-425a.
—, **CHARLES C.** **5**-424d.
—, **FRANCIS R.** **5**-425a.
—, **SIR GEORGE T.** **5**-425b.
CHESS (game) **5**-425c; Alekhine **1**-553d; development **5**-432a; history **5**-430a; Howard Staunton **21**-348b; illustrative games **5**-428b fol.; ivory chessmen Pl. I. figs. 6, 7 **12**-IVORY CARVING; modern British **5**-434a; move of knight fig. 3 **5**-426; notation systems **5**-427b; fig. 2 **5**-426; openings **5**-427d; position **5**-425c; position at beginning fig. 1 **5**-425; problems **5**-434d; rules **5**-427a; schools of play **5**-433b; Sho-gi-Jup. chess **20**-567b; tournaments **5**-433a; value of pieces **5**-426d; with canoes **5**-199d.
Chess, A History of (Murray) **5**-430d.
Chess-board **5**-425c.
Chesses (mil.) **4**-140b fol.
Chesset: *see* Cheese mould.
Chesson, Ala. [**24**-118 D3].
"Chess Players" (Bordone) **3**-898b; (Eakins) **7**-823a.
Chess Problem, The (Weenink) **5**-435c.
Chess Problem Text-Book, The (Laws) **5**-435a.
Chess Strategy, The (Loyd) **5**-435a.
CHESSYLITE: *see* Azurite.
CHEST (box) **5**-435d; American, early **12**-483a; American, cradle il. **6**-629; Europe, middle ages **12**-475b; types **5**-436a.
— (anat.): *see* Thorax.
— girth army recruits il. **3**-619.
— of Cypselus **6**-935b.
CHESTER, EARLS OF **5**-437a; **7**-828a.
—, Ralph (Randulph) de Gernon, earl of **5**-437a.
—, Ralph (Ranulf or Randulph) de Blundevill, earl of **5**-437a; **6**-617a; **14**-137b; **19**-293d; **19**-358a.
Chester, co., Pa. [**24**-107 F3]; **5**-645a.
—, co., S. C. [**24**-113 C2]; **5**-438c.
—, co., Tenn. [**24**-117 C2].
—, Ark. [**24**-120 A2].
—, Calif. [**24**-154 C2].
CHESTER, Ches., Eng. [**24**-16 D1; **24**-13 B4; **24**-10 D3]; **5**-437b; **5**-423c; **5**-437b; **8**-456a; arch. **6**-807a; battle, 614 **1**-274c; name **17**-988c; population **5**-424b; Rom. fortress **4**-162a; siege of 1645 **10**-747a; street scene Pl. IV. fig. 1 **8**-ENGLAND.
—, Conn. [**24**-101 D2].
—, Flintshire, N. Wales **11**-273d.
—, Ia. [**24**-138 E1].
—, Ida. [**24**-145 G5].
—, Ill. [**24**-129 C6].
—, Mass. [**24**-98 B1].
—, Md. [**24**-109 C2].
—, Me. [**24**-96 D3].
—, Miss. [**24**-119 C2].
—, Mont. [**24**-144 C1].
—, Neb. [**24**-139 G4].
—, N.H. [**24**-97 C4].
—, N.J. [**24**-105 B2].
—, N.S., Can. [**24**-88 E4].
—, N.Y. [**24**-102 F4].
—, O. [**24**-125 D4].
CHESTER, Pa. [**24**-107 F4]; **5**-438b.
CHESTER, S.C. [**24**-113 C2]; **5**-438c.
—, S.Dak. [**24**-137 H3].
—, Utah [**24**-152 C3].
—, Vt. [**24**-97 B3].
—, riv., Md. [**24**-109 C1]; **15**-2a.
"Chester" **6**-771b; **13**-222d.
Chester (her.) **11**-471d; arms figs. 4, 40 **11**-463.
— Depot, Vt. [**24**-97 B3].
Chesterfield, Elizabeth, Lady **11**-94b.
—, Petronilla M., countess **13**-322d.
CHESTERFIELD, PHILIP D. St., 4th earl **5**-438c; Broad-Bottom ministry **4**-206d; Eng. constitution **6**-314b fol.; *Letters* **5**-474b; memoirs **8**-591a; Samuel Johnson **13**-111a; style **8**-590d.
—, Philip St., 2nd earl **5**-805a.
—, Philip St., 3rd earl **5**-438c.
—, co., S.C. [**24**-113 D2].
—, co., Va. [**24**-110 G3].
—, Conn. [**24**-101 D2].
CHESTERFIELD, Derby., Eng. [**24**-14 B2; **24**-13 C4; **24**-10 E3]; **5**-439c.
—, Ida. [**24**-145 F7].
—, Ill. [**24**-129 B4].
—, Ind. [**24**-126 C2].
—, Mass. [**24**-98 B1].
—, N.H. [**24**-97 B4].
—, N.J. [**24**-105 B2].
—, S.C. [**24**-113 D2].
—, Va. [**24**-110 G3].
Chesterford, Ess., Eng. map **4**-160d.
Chesterhall, Peter Wedderburn, lord **19**-568c.
Chesterhill, O. [**24**-125 D4].
Chesterland, O. [**24**-124 D2].
CHESTER-LE-STREET, dist., Dur., Eng. [**24**-13 C3; **24**-10 E2]; **5**-439d; **7**-762b; early settlement **11**-684a; poor relief **18**-217b; Rom. Brit. map **4**-160c.
— plays **7**-589a fol.
— sandstone (geol.) **14**-757a.
— Spurs, Pa. [**24**-107 F3].
Chesterton, Cecil **3**-385a.
CHESTERTON, GILBERT Keith **5**-440a; ballades **2**-996d; poetry **8**-600c; **18**-111c fol.; play **8**-602b; mystery stories **16**-50c.
CHESTERTON, parish, Cambs., Eng. **5**-440d.
—, Ind. [**24**-126 A1].
— Walls, Salop **20**-587c.
Chestertown, Md. [**24**-109 C1].
—, N.Y. [**24**-103 G2].
Chestervale, Ill. [**24**-128 C3].
Chesterville, Me. [**24**-96 B4].
—, O. [**24**-124 C3].
—, Ont., Can. [**24**-90 E2].
Chester-white pig (zool.) **17**-920d; Pl. II. figs. 5 and 6 **17**-PIGS.
Chestline, Ill. [**24**-128 B4].
Chestnut, Ill. [**24**-128 C3].
—, La. [**24**-121 A1].
—, Mont. [**24**-144 C3].
— (chrysanthemum) **5**-664b.
CHESTNUT (tree, fruit) **5**-441a; Pl. I. **13**-LANDSCAPE ARCHITECTURE; **9**-33c; distribution in U.S. map **22**-730; source **16**-646a; timber **22**-220b.
— -backed bluebird **3**-755d.
— blight (disease) **18**-38c.
— Bluff, Tenn. [**24**-117 B2].
— Hill, Conn. [**24**-101 D1].
— Hill, Mass. **4**-256a.
— Mound, Tenn. [**24**-117 F1].
— oak (tree) **16**-660c.
Chest register (voice) **23**-234d.
— Springs, Pa. [**24**-106 C3].
Chesuncook, Me. [**24**-96 C2].
—, lake, Me. [**24**-96 C2].
Cheswold, Del. [**24**-109 D1].
Chétardie, Marquis de la **3**-478c.
Chetek, Wis. [**24**-132 B4].
Chetelsvorde, Derby., Eng.: *see* Chatsworth.
Chetham, Humphrey **14**-6c.
—, Kent, Eng.: *see* Chatham.
Chethang, Tib. [**24**-66 C1].
Cheticamp, Cape Breton I., Can. [**24**-88 H2].
—, N.S., Can. [**24**-88 C4].
—, pt., Cape Breton I., Can. [**24**-88 H2].
Chetlat, Lac. Is. [**24**-67 B4].
Chetopa, Kan. [**24**-142 G4].
Chetro-kettle, Pueblo, N.Mex. **5**-185a.
Chet Singh (ruler) **3**-392a.
Chetsvorde, Derby., Eng.: *see* Chatsworth.
CHETTLE, HENRY **5**-441d.
—, Robert **5**-441d.
Chetumal, bay, Mex. [**24**-159 G4].
—, penin., Mex. [**24**-159 G4].
Chetverte (measure) **15**-139a.
CHETWODE, SIR PHILIP Walhouse **5**-442a; **17**-138b fol.; arms fig. 2 **11**-459.
Cheu, riv., Af. **2**-932d.
Chevage **14**-821a.
Chevagnes, Fr. [**24**-25 J5; **24**-27 G1].
Cheval Blanc, mt., Fr. [**24**-27 K3].
— de bât: *see* Bat-horse.
Cheval de bronze, Le (Auber) **2**-666b.
Chevalerie Ogier de Dannemarche (Raimbert) **5**-254d.
Chevalier, The Young: *see* Charles Edward (prince).
—, **ALBERT** **5**-442a; **5**-944d.
—, C. **15**-435a; **17**-824a; fig. 9 **15**-434.
—, Etienne **9**-562c.
—, G. **10**-407b.
—, Hippolyte S.-G.: *see* Gavarni, P.
—, **MICHEL** **5**-442b.
—, **ULYSSE** **5**-442c.
—, mt., Fr. **4**-745b.
CHEVALIER (term) **5**-442d; Norman Knight **13**-430d; *see also* Cavalier.
Chevalier à la mode, Le (Dancourt) **7**-24a.
Chevalier au Cygne, Le (chanson) **9**-778a.
Chevalier au Lion, Le (Chrétien de Troyes) **13**-645b; **19**-427d; **21**-655b.
Chevalier de la Charrette, Le (Chrétien de Troyes) **5**-625d; **13**-645b.
Chevalier Destouches (Barbey d'Aurevilly) **3**-99c.
Chevalieur aux deux épées, Le (story) **19**-427d.
Chevallier barley (grain) **14**-733c.
Cheval-vapeur (phys.) **11**-762a.
CHEVAUX-DE-FRISE (mil.) **5**-442d.
Chevé, Armand **16**-20b.
—, Emile Joseph Maurice **5**-443a; **6**-899d; **20**-638b; *see also* Chevé System.
Chevelere assigne (legend) **14**-337c.
Chevelik, Turk. [**24**-59 J3].
Chevenard dilatometer (instru.) **15**-310c.
Chevert, François de **2**-778b.
Cheverton, Benjamin **12**-841b.
CHEVERUS, JEAN L. DE **5**-442d.
Cheves, Langdon **11**-288c.
CHEVÉ SYSTEM **5**-443a.
CHEVET (arch.) **5**-443a; Le Mans cathedral il. **5**-443.
Cheville, pass, Switz. [**24**-30 C4].
Chevillet, Charles: *see* Champmeslé, Charles Chevillet.
Chevillon, Fr. [**24**-25 L3].
Cheviot, co., N.Z. [**24**-173 D5].
—, N.Z. [**24**-173 D5].
CHEVIOT, O. [**24**-125 A4]; **5**-443b.
—, The, mt., Eng. [**24**-12 B2]; **5**-443c.
CHEVIOT CLOTH **5**-443c; shirting **5**-443c; tweed **22**-636d; wool **5**-443c; **23**-727b.
CHEVIOT HILLS, mts., Eng. and Scot. [**24**-12 B2; **24**-19 F6; **24**-8 E2; **24**-177 E3]; **5**-443c; **16**-538b; **17**-988c.
Cheviot sheep **20**-476b; **5**-443c; ewe and ram Pl. II. figs. 8 and 9 **20**-SHEEP.
Chevlon Butte, mt., Ariz. [**24**-149 E4].
Chevre, cape, Fr. [**24**-25 A3].
Chevreau, Urbain **1**-857b.
Chèvre d'Or, Simon **22**-505b.
Chèvres, Grotte des, cave, Sic. **8**-782d.
Chevreuil, pt., La. [**24**-121 C4].
Chevreul, J. B. **6**-941b.
—, **MICHEL E.** **5**-443d; aesthetics of colour **1**-272d; Impressionism **12**-126a; oils **16**-746a; organic chem. **5**-363b; soap **20**-858a.
Chevreuse, Marie, duchess **9**-865a fol.
—, Fr. [**24**-24 H3].
Chevrolet, G. **15**-909d.
CHEVRON (ornament) **5**-443d; arch. **5**-444a; **7**-503c; her. **11**-464d; mil. **21**-475b.
— twill **22**-637a.
CHEVROTAIN (animal) **5**-444a; il. **5**-444; **12**-156c.
Chevroux, Switz. [**24**-30 B3].
Chevy Chase (ballad) **5**-443d; **7**-551d; Macfarren **14**-573b.
Chew, Benjamin **10**-231d.
—, val., Eng. **20**-972b.
Chewalla, Tenn. [**24**-117 C2].
Chewelah, Wash. [**24**-150 H2].
Chewey, Okla. [**24**-143 J2].
Chewing-gum **5**-462a.
Chews, N.J. [**24**-105 A3].
Chew Stoke, Eng. [**24**-17 D3].
Chewsville, Md. [**24**-108 B1].
Chewton Mendip, Eng. [**24**-17 D3].
Chexbres, Switz. [**24**-30 B4].
Che-yang-pau, isl., China [**24**-70 D4].
Cheyenne, co., Colo. [**24**-147 H3].
—, co., Kan. [**24**-142 A2].
—, co., Neb. [**24**-139 A3].
—, Kan. [**24**-142 D2].
—, Okla. [**24**-143 D3].
CHEYENNE, Wyo. [**24**-146 H4; **24**-94 F2]; **5**-444b; humidity **6**-44a; pop. **23**-827d.
—, riv., S.Dak. [**24**-137 C2; **24**-188 F2].
—, riv., Wyo. **23**-826d.
"Cheyenne" (ship) **15**-722d.
CHEYENNE (tribe) **5**-444b; Colorado massacres **6**-47d.
Cheyenne Agency, S.Dak. [**24**-137 D1].
— canyons, Colo. **6**-43c.
— Wells, Colo. [**24**-147 H3].
Cheyndut arms fig. 4 **11**-463.
CHEYNE, THOMAS K. **5**-444c; **4**-768c.
—, **SIR WILLIAM WATSON**, 1st Bart. **5**-444c.
Cheynes (fam.) **1**-39d.
Cheyne-Stokes breathing (med.) **6**-87b.
Chezārlā, India **12**-222d.
Chézery, Fr. [**24**-27 J1].
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CIGARETTE 5-704b; 8-67d; 21-41c.
— case 13-35b.
— machine il., 5-705.
— papers 17-235a.
Cigarrales de Toledo, Los 21-157c.
CIGNANI, C. 5-705b; 9-663a.
CIGOLI (CIVOLI), L. CARDI Da 5-705c.
Cilaos, Spring, Réunion 19-235a.
Cil Cudbert, Scot.: *see* Kirkcudbright.
CILIA 5-705c; 18-622a; 18-624d; 1-591b.
Ciliar dysentery 7-818c.
Ciliary body 9-9d.
—muscle 16-808a; 9-5a.
— processes 9-5a.
CILIATA 5-705c; 18-621c; 18-634d; 20-932, 6-72; 7-130c, *see also* Infusoria.
Ciliated cell 11-591d.
— epithelium 8-662c.
Ciliate meadow beauty 15-132b.
CILICIA, dist., Asia M. 5-705d; 6-775d; 2-379a; 19-494c; map 19-501 (J4).
Cilician Gate, pass, Turk. [24-58 F4]; 21-822b fol.; 2-536c.
— silver fir 13-853a.
— Taurus, mts., Turk.: *see* Taurus, cilician.
Ciliophora: *see* Ciliates.
Cilldara, co., Ire.: *see* Kildare.
Ciller, Rum. [24-53 D4].
CILLI, U., count 5-706b; 13-583c; 11-934c.
CILLI, Yugos. 5-706b.
Cillium 13-293c.
Cilycwm, Wales [24-16 C2].
Cima, Calif. [24-155 F5].
CIMA, DE CONEGLIANO: *see* Cima, Giambattista.
CIMA, G. 5-706c.
CIMABUE 5-706d; 10-363b.
Cima Camadra, Cima del Rey, etc. mts.: *see* Camadra, Rey, etc.
Cimaltepec, Mex. [24-159 E4].
CIMAROSA, D. 5-707a.
Cimarron 14-936b.
—, co., Okla. [24-143 A2].
—, Colo. [24-147 C3].
—, Kan. [24-142 B4].
—, N.Mex. [24-148 E2].
—, riv., Colo. 6-43c.
—, riv., Kan. and Okla. [24-143 A2].
—, riv., Okla. 16-754c.
Cimbal, mt., Ec. 1-903d.
CIMBALO: *see* Cembalo.
CIMBALON: *see* Dulcimer.
CIMBRI 5-707b; 2-216c; 4-519c; 21-985c; 19-491c.
Cimbric, penin., Eur.: *see* Jutland.
Cimelice, Czech. [24-39 K4].
Cimento, Del 15-193d.
Cimex: *see* Bed-bug.

Cimex lectularius **4**-345c; *see also* Bed-bug.
— rotundatus **4**-345c.
Cimicidae **4**-345c; *see also* Bed-bug.
CIMICIFUGA 5-707d.
— foetida: *see* Bugbane.
— racemosa: *see* Black snakeroot.
CIMINIA, VIA, It. 5-707d; **4**-973b.
Ciminian, hills, It. 5-707d.
— lake, It.: *see* Vico Lago di.
Ciminius, Lacus, It.: *see* Vico, Lago di.
CIMMERII (people) 5-707d; **2**-798a; **8**-838d; **15**-171d; **6**-705d.
CIMON 5-708a; **2**-606b fol.; Delian league **7**-164d; Spartan relations **10**-769d
— (OF CLEONAE) 5-708c.
Cimone, mt., It. [**24**-34 C2]; **12**-755a.
C.I.N.A.: *see* International Commission for Air Navigation.
Cinaed Ua h-Artacáin (poet) **12**-642a.
Cinaethus (Chios) **11**-693c.
Cinarca, counts of **6**-474c.
Cinca, riv., Sp. **11**-862d.
CINCH 5-708c.
Cinchomeronic acid **18**-797d.
CINCHONA (bot.) 5-708c; **12**-977d; Ec. **7**-938b.
— BARK, ALKALOIDS OF 5-709a; Bol. **3**-816c; India **12**-181a.
— calisaya: *see* Quina.
Cinchonidine 5-709a.
Cinchonine 5-709a; **14**-707b.
Cinchoninic acid 5-384d.
Cinchonino 5-385a.
Cinchonism (med.) **18**-853c.
Cinchonoideae (bot.) **19**-614a.
Cincinnati, Ia. [**24**-138 E4].
Cincinnati, Ind. [**24**-127 B3].
CINCINNATI, O. [**24**-125 A4; **24**-2 G3]; 5-709c; choral singing **5**-623a; museum collections **15**-1000c; mus. festival **9**-201b; pop. **16**-731a; **22**-736b; professional baseball **3**-161a; Schmidlapp model dwellings **11**-842d; trap-shooting **22**-434c; univ. 5-710b; **7**-973a; **20**-92c.
—, Society of the: *see* Society of the Cincinnati.
Cincinnatian period (geol.) **22**-724c.
Cincinnati anticline: *see* Cincinnati uplift.
— arch (geol.) **22**-724d.
— College of Music **6**-288b.
— Literary club **5**-711c.
— Museum Association (O.) **20**-907b.
— observatory (U.S.) **1**-12c.
— riots **5**-712a.
— Society of Natural History **5**-710c.
— uplift (geol.) **22**-725a.
CINCINNATUS, LUCIUS Quintius 5-712b.
—, N.Y. [**24**-103 E3].
— Heine: *see* Miller, Joaquin.
Cincius Alimentus, L.: *see* Alimentus, L. Cincius.
CINCLIDAE: *see* Dipper.
Cinclus ardesiacus: *see* Costa Rican dipper.
— mexicanus: *see* Dipper.
Cinco, Calif. [**24**-155 D5].
— de Mayo (battle, 1862) **15**-392a.
Cincora, mts., Braz. **7**-317c.
Cinctura gladii: *see* Sword-belt.
CINDERELLA 5-712b; Perrault d'Arma-Court **17**-543b.
Cinderford, Glos., Eng. [**24**-17 D3].
Cinders (fuel): *see* Coke.
— (geol.) **23**-238c; **20**-137a.
—, Mound of (Kerch): *see* Kul-oba.
CINEAS 5-712b; 5-780a.
Cinebar, Wash. [**24**-150 C4].
Cinel: *see* Clan system (Ire.).
Cinema: *see* Motion pictures.
CINEMATOGRAPHY: *see* Motion Pictures, Technology.
Cineol **4**-540b; **21**-953b.
CINERARIA 5-712c; **20**-324b.
— calendula: *see* Marigold.
— cruenta 5-712c.
Cinereous vulture (vultur monachus) il. **23**-261.
Ciney Belg. [**24**-29 D4]; campaign of 1794 **9**-811d.
Cinglais, dist., Fr. **4**-629d.
CINGOLI, It. 5-712d.
Cingrija, Pero (Yugos. states.) **22**-508b.
Cingulum, anc. town, It.: *see* Cingoli.
Cingulum (zool.) **19**-575c.
CINNA (Rom. fam.) 5-712d.
— (Rom. sol.) **14**-908c.
—, Lucius Cornelius (Rom. consul) 5-712d; rule **19**-493a; murder **4**-830c.
Cinna (tragedy, Corneille) 5-712d; **6**-441b fol.
CINNABAR (chem.) 5-713a; crystall. **6**-820a.
Cinnabar cactus (bot.): *see* Lobivia cinnabarina.
Cinnabarite (chem.): *see* Cinnabar.
Cinnabar poisoning (disease) **2**-62d.
Cinnamaldehyde (chem.) **1**-548c.
CINNAMIC ACID (chem.) 5-713b; production **1**-548c.
Cinnaminson, N. J. [**24**-105 B3].
Cinnamomum zeylanicum (bot.) 5-713b.
CINNAMON (spice) 5-713b.
— Gardens, Cey. **6**-38d.
— STONE: *see* Garnet.
Cinnamonum Camphora (tree): *see* Camphor laurel.
— Cassia (bot.) **4**-973b.
Cinnamus (of Parthia) **17**-345b.
—, **JOHN** (Byzantine hist.) 5-713c; **10**-843a.
Cinnoline (chem.) 5-386d.
CINO DA PISTOIA (It. poet) 5-713c; **12**-740a.
Cin of Druim Snechta (Ir. ms.) **12**-639a.
Cinolaire, La. [**24**-121 C3].
Cinq, Les (Fr. pol. group.) **16**-776c.
CINQ-MARS, HENRI COIFfier Ruzee d'Effiat, Marquis de (Fr. noble) 5-714a; Delorme **7**-172c; Richelieu **16**-909b.
Cinq-Mars (nov., de Vigny) 5-714a.
Cinq-mars-la-Pile, Fr. [**24**-24 F4].
CINQUE CENTO (art period) 5-714a; arabesque **2**-168c.
Cinquedea (weapon) **6**-972b.
CINQUEFOIL (arch.) 5-714b.
— (flower) **18**-335b.
Cinque Maggio, Il (ode, Manzoni) **14**-833c.
— Miglia, Piano di, plain, It. **12**-755c.
"Cinque Porte" (galley) **13**-161a.
CINQUE PORTS (towns, Eng.) 5-714b; **7**-560b; Brit. navy **10**-683d; hist. **21**-622a; piracy **17**-951c; Romney **19**-521c; Rye **19**-779c; ships **20**-542b; Tenterden **21**-945b.
— Ports, barons of the (Eng.) **3**-130c.
Cinques (bell-ringing term) **3**-375c.
Cinquetti, Mauretania, N. Af. meteorites **15**-341a.
Cinta, mts., Braz. [**24**-104 A1].
Cintegabelle, Fr. [**24**-26 E4].
Cinthio (It. dram.): *see* Giraldi, G.B.
Cinto, mt., Cors. [**24**-178 G7].
CINTRA, Port. [**24**-32 B3]; 5-715a.
Cintra, Convention of (1808) **1**-61b; **17**-466b.
—, mts., Port. **8**-743a.
Cintractia montagnei (fungus) figs. 17E, F **9**-934.
Cinvatō peretu (Iranian rel.) **23**-988d.
Cinxia (Rom. goddess): *see* Juno.
Cinyps, riv., Af. **13**-958c.
Cinza, riv., Braz. **17**-265b.
Ciocoii Vechi Si Noi (nov., Filimon) **19**-656c.
Ciompi (It. wool-carders) **15**-189d.
— (rebellion, 1378) **12**-795d.
Cione, Andrea di (It. art.): *see* Orcagna.
Cipangu: *see* Japan.
CIPHER (CYPHER) 5-715b; **6**-807c; **23**-947d; **2**-356a.
— machine fig. 11 **5**-958.
CIPHERS: *see* Codes and Ciphers.
Ciphis unipuncta: *see* Army-worm.
Cipollin **14**-861b.
Cippoletti Weir **11**-969a.
CIPPUS 5-715b.
Cipres, Tex. [**24**-123 E6].
CIPRIANI, G. B. 5-715b.
Ciquē La **2**-678a.
Circaea: *see* Enchanter's nightshade.
CIRCAR 5-715c.
Circars, Northern, reg., India [**24**-67 D3]; 5-715c.
CIRCASSIA: *see* Caucasian Area, North; Karachaev; Kabardine; Ingushetia; Adigei.
CIRCASSIANS 5-715d; **3**-447c; **5**-58b; **21**-716a; **13**-232d.
CIRCE 5-716b; **11**-702a; **17**-914d; Scylla **20**-233c.
"Circe" (paint., Dosso) **7**-546a.
Circeii, It. 5-716c.
CIRCEIUS MONS, mt., It. [**24**-35 D4]; 5-716c; **12**-755d.
Circeo, Mons, mt., It.: *see* Circeius Mons.
Circesium, Mesop. **8**-818a; map **19**-501 (L4).
Circestre: *see* Richard of Cirencester.
Circinate leaf **13**-828d.
Circle, Alsk. [**24**-156 M4].
—, Mont. [**24**-144 F2].
—, Wash. [**24**-150 F2].
CIRCLE (geom.) 5-716d; **22**-461b; **14**-133b; **22**-854c; fig. 4 5-718; co-ordinates **6**-392c; geometry **10**-175c; graduation **10**-587b; infinity **12**-341d; Ptolemy and Hipparchus **18**-734b fol.; squaring of **1**-869a; **10**-175b; Involute of: *see* Involute of a circle; *see also* Ellipse.
—, (hydrography) **5**-301b.
Circle, The Measurement of the **2**-270a.
Circle Bar, Oreg. [**24**-151 G4].
— games **5**-480a.
— of curvature **6**-885c.
— of inertia **15**-350d.
— of Willis **2**-451d.
Circleville, N.Y. [**24**-102 F4].
CIRCLEVILLE, O. [**24**-125 B4]; 5-719a.
—, Utah [**24**-152 B4].
—, W.Va. [**24**-111 D3].
Circle-wave **14**-76a.
Circolo Matematico di Catania **15**-77b.
— di Palermo **15**-77b.
CIRCUIT (elec.) 5-719a; **21**-882d fol.; **16**-24a.
Circuit-breaker **8**-287d fol.; **8**-170c; Pl. II. figs. 1 and 5 **8**-ELECTRICAL POWER TRANSMISSION.
Circuit courts (U.S.) **1**-174c; (Gr. Brit.) 5-719b.
— courts of appeals (U.S.) **2**-135b; 5-719d; **6**-604a; **22**-768a.
— RIDER 5-719a.
Circuit Rider, The **8**-29b.
CIRCUITS (Eng. law) 5-719b.
Circuits (rel.) 5-797d.
Circuits of Peter 5-798a.
Circuit system **18**-96a.
Circular aestivation **9**-411b.
— castings **9**-558d.
— coil transformer **22**-409d.
— cone **6**-224d.
— cooler **6**-983b.
— error **23**-483a.
— frame **11**-790b.
Circularization **1**-197b.
Circular Knitting machine fig. 17 **11**-789.
Circularly polarized light **14**-69d.
Circular moulder: *see* Vertical shaper.
— NOTE 5-720a; **16**-564b.
— parry **9**-157b.
— polarization **6**-827a.
— ripping saw Pl. I. fig. 3 **9**-FURNITURE MANUFACTURE.
CIRCULARS AND CIRCUlarizing 5-720b.
Circular saw **20**-28a; **23**-725c; il., **14**-481.
— trust **6**-155b.
Circulating capital **4**-795b.
— charity schools **23**-298b.
— decimal: *see* Recurring decimal.
— MEDIUM 5-720b.
— pipe **18**-85d.
— schools, Welsh **5**-290b.
— water washing mach.: *see* Flowing water washing mach.
Circulation (physiol.) **22**-998a; **11**-989d fol.; cardiac cycle fig. 5 **22**-1000; Descartes **7**-251b; digitalis **7**-382c; functions **11**-306c; Harvey **15**-201a; **11**-237a; oxygen distribution **15**-984a; portal and cerebral **22**-1008d; posture and exercise **22**-1009b fol.; respiration **19**-216a fol.; shock **20**-565d; temperature **17**-888a.
— (money) **15**-695b.
Circulation (news. and mag.) **1**-200d.
Circulatory system **3**-591b; **17**-890a; **21**-703d; **14**-377b; **17**-891b; **14**-519c; fig. 1 **22**-997.
CIRCULUS IN PROBANDO (logic) 5-720c.
CIRCUMCISION (med.) 5-720c; 5-670b; in Egy. **1**-302b, Mohammedans **15**-646d; St. Paul **9**-972a, c; **17**-389d; Tati Bushmen **1**-310b; Zulu **1**-311a.
"Circumcision" (paint., Veneto) **3**-154b.
— (paint., de' Gentiles) **10**-122c.
— (paint., Rubens) **19**-612a.
Circumference (geom.) 5-717a.
Circumflex nerve **16**-236c; figs. 6, 8 **16**-236 fol.
CIRCUMNAVIGATION OF the World (geog.) 5-720c.
Circumnutation (bot.) **13**-993d; **16**-647b.
Circumspecte Agatis (1285, Eng.) **3**-8b; Eng. church **8**-468a; tithe **22**-253b.
CIRCUMSTANTIAL EVIdence (law) 5-720d; **14**-315c.
Circumvallate papillae (anat.) **22**-281a.
CIRCUMVALLATION, LINES of (mil.) 5-721a.
CIRCUS (amusement) 5-721a; **10**-10a.
— (bird genus) **11**-216a.
— aeruginosus (bird): *see* Marsh-harrier.
— cinereaceus (bird): *see* Montague's harrier.
— cyaneus (bird): *see* Hen-harrier.
— Flaminius (Rom. bldg.) 5-721c; **19**-471c.
— hudsonius (hawk): *see* Marsh-hawk.
— Krone **5**-722b.
— Maximus (Rom.) 5-721a.
— Neronis (Rom.) 5-721d.
— system (mil.) air fighting **1**-452c.
Cirenaica, N.Af.: *see* Cyrenaica.
CIRENCESTER, Eng. [**24**-15 B4; **24**-17 E3]; 5-723c; cap. of the Dubuni **4**-163c; origin of name **17**-988c; polo **18**-176c.
Cirencester (battle, 628) **23**-378c.
CIRE PERDUE: *see* Sculpture Technique: *Casting*; *see also* **4**-240c; **4**-250a; **20**-229b.
Cirey, Fr. [**24**-25 M3]; World War **9**-867c.
Ciriaco (of Ancona) **12**-768d.
CIRILLO, DOMENICO (It. physic.) 5-723d.
Ciris (poem) **13**-750a.
Cirksena, Edzard **8**-390b.
—, Ulrich (count of East Friesland) **8**-390b.
Cirl bunting (bird) **4**-389c.
Cirneceaster, Eng.: *see* Cirencester.
Ciro, It. [**24**-35 F5].
Ciron, riv., Fr. [**24**-26 C3]; **10**-31d.
Ciroux, Fr. [**24**-27 G2].
Cirpan, Bulg. [**24**-53 C4].
Cirphis, mt., Gr. **7**-174a.
— unipuncta (insect): *see* Army-worm.
Cirque, mts, Lab. [**24**-93 D1; **24**-187 J3].
CIRQUE (amphitheatre) 5-723d.
"Cirque, Le" (paint., Seurat) **20**-381d.
Cirque de Paris (bldg.) 5-722b.
— d'Hiver (bldg.) 5-722b.
— Medrano (bldg.) 5-722b.
Cirques (geol.) **10**-382d.
Cirratulus cirratus (zool.) **7**-435b.
Cirrha, anc. city, Gr.: *see* Crisa.
Cirrhitidae (fish fam.) **9**-320d.
Cirrhosis (liver disease) **14**-230c; alcohol **1**-541a; death rate **1**-540d; in U.S. **18**-742d; drugs cause **18**-118d.
— of the lung: *see* Chronic interstitial pneumonia.
Cirrhotic ovary (med.): *see* Cystic ovary.
Cirri (zool.) **18**-622a.
CIRRIPEDIA (zool.) 5-724a; **6**-804d; *see also* Barnacle.
Cirro-cumulus (clouds) 5-852b; Pl. II. figs. 3, 10 **5**-CLOUD.
Cirro-stratus (clouds) **5**-852b.
Cirroteuthidae (mollusc fam.) **15**-676c.
Cirroteuthis mülleri (fossil cephalopod) **5**-153c.
— umbellata (cephalopod) fig. 20 **5**-154.
Cirrus (clouds) **5**-852b.
Cirrus, tufted (cloud) Pls. I., II. figs. 4, 9 **5**-CLOUD; thunderstorms **22**-168c.
"Cirrus" engine (aeroplane) Pl. II. figs. 1, 5 **1**-AERO ENGINE.
Cirscale (elec. instru.) **12**-439a.
Cirsium arvense (bot.): *see* Creeping thistle.
CIRTA, anc. city, Numidia, Af. 5-724d.
—, Alg.: *see* Constantine, Alg.
Cirta, Rom. Emp. map **19**-500 (D4).
Cirtsville, W.Va. [**24**-111 B4].
Cirurgien (surgeon): *see* Chirurgeon.
Cis- (chem. prefix) **5**-379c.
Cisalpine Gaul, Rom. prov. **2**-83c.
— Republic **12**-799c.
Cisařsky Les, forest, Czech. [**24**-39 H3].
Cisco, Ark. [**24**-120 B1].
—, Calif. [**24**-154 C3].
—, Ill. [**24**-128 D3].
CISCO, Tex. [**24**-123 E3]; 5-724d.
—, Utah [**24**-152 E4].
— (fish) **17**-862b.
Cisii (Pers. tribe): *see* Kassites.
Cisjuran Burgundy, anc. prov., Fr.: *see* Provence.
Cisne, Ill. [**24**-129 D5].
Cisneros, Jimenes de (Sp. cardl.) **1**-533c.
Cisnes, riv., Chile **2**-824b.
Cisney, Ky. [**24**-116 C3].
Cispadane Gaul, dist., anc. It. **19**-486a.
— Republic **15**-631a; Napoleon **16**-86d.
Cissa (Saxon k.) **8**-367b.
Cissa ornata (bird): *see* Blue magpie.
Cissbury, Sus., Eng. **21**-621b.
Cisse, riv., Fr. **14**-338c.
CISSEY, ERNEST LOUIS Octave Courtot de (Fr. gen.) 5-724d.
Cissia, dist., anc. Pers.: *see* Elam.
Cissians (tribe): *see* Kassites.
Cissna Park, Ill. [**24**-128 E3].
Ciss-ninsciss (tax) **4**-85d.
CISSOID: *see* Curves, special.
CIS-SUTLEJ STATES, India. 5-725a.
CIST (archae.) 5-725a; **3**-146c.
Cista, Czech. [**24**-39 J3].
— (vessel) fig. 1 **2**-255.
Cistaceae (plant fam.) 5-726a: *see also* Rock-rose.
Cist-burial 5-725a.
Cistellaria (play, Plautus) **18**-67a.
CISTERCIANS (rel. order) 5-725a; abbeys **1**-16b fol.; **9**-947d: Albigenses **1**-528c; Benedictines **3**-398d; Clairvaux, Fr. 5-752a; Lincs., Eng. **14**-147a; literary pursuits **14**-3a; St. Bernard **3**-451a fol.; Trappists **22**-434a; wool trade, Eng. **8**-463a.
Cistern **18**-85a.
Cistierna, Sp. **13**-933c.
Cistophorus (coin) **16**-620a.
Cis-trans isomerism (chem.) **21**-391d.
CISTUS (plant genus) 5-726a.
— ladaniferus (plant) 5-726a.
— villosus (plant) 5-726a.
CITADEL (fortress) 5-726a.
— (mil. coll., S.C.) 5-294c.
—, The (barracks, Eng.) **18**-92b fol.
— Hill, Plymouth, Dev., Eng. **14**-894b.
Citania, Port. **10**-971d.
CITATION (law) 5-726c.
— (mil.) 5-726c.
— cord (mil.) 5-726c.
—, Ile de la, Paris 5-729a; **17**-287d fol.; Pl. II. **17**-PARIS.
Cité antique, La (hist., de Coulanges) **9**-955d.
Cité de Limes (anc. camp, Fr.) **7**-348a.
Cité des dames, La (de Pisan) **17**-957c.
CITEAUX, Fr. [**24**-25 L4]; 5-726d; Cistercians 5-725a; St. Bernard **3**-450d.

Citellus (rodent genus) **19**-373a.
CITHAERON, mt., Gr. [**24**-55 C3]; **5**-726d; Oedipus **16**-709c.
CITHARA (mus. instru.) **5**-726d; contrasted with lyre **14**-532b; *see also* Zither.
Citharinidae (fish fam.) **9**-315c.
Citharista (mus.) **5**-727a.
Citharoedus (singer) **5**-727a.
Cithera (mus.instru.) Hermes inv. **11**-505a.
Cithern (mus. instru.): *see* Cittern.
Cithrafarna (Pers. states.): *see* Tissaphernes.
Cithron (mus. instru.): *see* Cittern.
Cities and Years (nov., Fedin) **19**-757c.
Cities of the Plain (nov., Proust): see *Sodome et Gomorrhe.*
CITIES SERVICE COMPANY **5**-727a.
CITIUM, Cyprus **5**-727b; Phoenicians **17**-769c; Sargon inscription **6**-932d.
CITIZEN: *see* Nationality and Naturalization.
— Army (Ire.) **12**-614a.
Citizen of the World (essays, Goldsmith) **8**-717a.
Citizenship (pol): Athens **10**-771b; Ger. **10**-217c; Plato **18**-56d; Rom. **19**-451a; Sophists **20**-1000d; U.S. **16**-152d.
Citizens' League (Cleveland, O.) **5**-809b.
Citlatepetl, mt., Mex. [**24**-159 E4].
Citola (mech.) **5**-703b.
CITOLE (mus. instru.) **5**-727c.
Citra, Fla. [**24**-115 F2].
Citra (art) **12**-210c.
Citraconic anhydride (chem.) **5**-727d.
Citral (chem.) **17**-505c.
Citramontani (guild) **22**-863b.
CITRANGE (tree) **5**-727c.
Citrangequat (tree) **5**-727d.
Citrate of calcium (chem.) **20**-604a.
— of lime **13**-908a.
CITRIC ACID (chem.) **5**-727d; from Aspergillus **2**-910b; lemons **13**-907c fol.; Sic. exports **20**-604a.
Citrine, W. M. (Brit. labour leader) **22**-383b.
Citrine (min.): *see* Yellow quartz.
Citromycetes (chem.) **5**-369a.
— glaber chem.) **5**-727d.
— pfefferianus (chem.) **5**-727d.
CITRON (tree) **5**-728a; lemon **13**-906b.
Citronelle, Ala. [**24**-118 A4].
—, Fla. [**24**-115 F3].
— (plant) **5**-664b.
Citronellol (chem.) **17**-505c.
Citron grass (bot.) **1**-129c.
Citrullus Colocynthis (plant): *see* Colocynth.
— vulgaris (fruit): *see* Watermelon.
Citrum (wood) **15**-104c.
Citrus, co., Fla. [**24**-115 F3].
— (fruit): U.S. production **9**-884d; canker **18**-37d; attacks orange **16**-837d; citron **5**-728a; essences, Sic. **20**-603c fol.; experiment station, Calif. **4**-599a; groves (Calif.) Pl. II. figs. 1, 2, 4 **9**-FRUIT FARMING; med. value **23**-220c.
— aurantifolia (fruit): *see* Lime.
— -aurantium (tree): *see* Seville orange.
— **BELT** (U.S.) **5**-728b.
— Bergamia (fruit): *see* Bergamot orange.
— curassuviensis (fruit): *see* Orange, Curaçao.
— decumana (fruit): *see* Grapefruit.
— decumana (tree): *see* Shaddock.
— grandis (tree): *see* Shaddock.
— japonica (tree) **13**-516c.
— javanica (tree) **13**-908a.
— limetta (fruit) **13**-908a; *see also* Sweet lime.
— Limonia (tree): *see* Lemon tree.
— Lumia (tree): *see* Sweet lemon.
— margarita (tree) **13**-908a.
— maxima (tree): *see* Shaddock.
— medica (tree): *see* Citron.
Citrus nobilis (fruit): *see* King orange; Mandarin orange; Tangerine.
— scab (disease) **9**-886c.
— sinensis (tree): *see* China orange.
— trifoliata (shrub) **13**-516d.
CITTADELLA, It. **5**-728b.
CITTA DELLA PIEVE, It. **5**-728b.
CITTA DI CASTELLO, It. [**24**-34 D3]; **5**-728c.
Cittaducale, It. [**24**-34 D3].
Citta Morta (play, D'Annunzio) **2**-5d; **7**-592c.
Citta Notabile, Malta: *see* Citta Vecchia.
Cittanova, It. [**24**-35 F5].
CITTA VECCHIA, Malta **5**-728c.
—, plat., It. **2**-308b.
—, Yugos.: *see* Stari Grad.
CITTERN (mus. instru.) **5**-728d; il. **5**-728, cithara **5**-727a.
CITY **5**-729a; Eur. **8**-885c; mediaeval Eur. Pl. I. figs. 4, 5, 7 **3**-BELGIUM; planning **12**-284a; U.S. **22**-770d; zoning **23**-961b.
—, isl., N.Y. [**24**-104 F2]; **16**-377a.
City and Guild of London Institute **14**-237a.
City and South London Railway (Lond.) **14**-353c.
City and the Mountains, The (nov., Queiroz) **7**-883b.
City Bank (N.Y.): *see* National City Bank of New York.
— Carlton (Eng. club) **5**-860a.
CITY CLERK (offi.) **5**-729b.
— commission plan (U.S.) **22**-771b.
— editor (journ.) **19**-162d.
— Equitable Fire Insurance Co. (Eng.) **14**-54c.
— **GOVERNMENT** **5**-729c.
— Hall (N.Y.C.) **16**-386a.
— Hall (park, N.Y.C.) **16**-385b.
— Liberal (Eng. club) **5**-860a.
— Life Assurance Co. (Eng.) **14**-54c.
— **MANAGER** (offi.) **5**-732a.
City Match, The (comedy, Mayne) **15**-124c.
City Mills, Mass. [**24**-99 C1].
City Mouse and Country Mouse (satire, Prior; Montagu) **18**-512d.
City News (Eng. news.) **14**-779b.
City normal schools **21**-863b.
City of Brotherly Love (nick.): *see* Philadelphia.
City of Churches: *see* Brooklyn.
City of Dreadful Night (poem, Thomson) **22**-151b.
City of Elms: *see* New Haven, Conn.
— of Glasgow Bank **9**-705b.
City of God (Augustine) **11**-595c; **19**-411d.
City of London Chess Club **5**-432d.
— of London Club **5**-860a.
City of London College **18**-193d fol.
— of London Court **6**-598b.
— of London Fire Inquests Act (1888, Eng.) **6**-462b.
— of London Parochial Charities Act (1883) **14**-357a; **18**-193c.
— of London School **14**-357c, founded **14**-366a.
"City of New York" (ship) **20**-518a.
"City of Paris" (ship) **20**-518a.
"City of Rome" (ship) **7**-467c.
City of Slaughter, In the (poem, Bialik) **3**-497d.
City of the Arverni, The (nick.): *see* Augustonemetum, Fr.
— of the Great Salt Lake, Utah: *see* Salt Lake City.
— of the Kings, Peru: *see* Lima.
— of the Vatican, state, It.: *see* Vatican, City of the.
— of Westminster, Lond., Eng. **5**-729b.
— park (New Orleans) **16**-322a.
— Plan and Public Improvements Committee (N.Y.C.) **16**-385a.
CITY PLANNING: *see* Town and City Planning.
— Point, Wis. [**24**-133 C5].
City Politiques, The (play, Crowne) **6**-762c.
City Praefect (Rom. offi.) **18**-410d fol.
City Price, La. [**24**-121 E4].
City Rat and Field Rat, The (apologue, Horace) **2**-118b.
City State (pol.) **10**-560c; anc. Greece **10**-771b; Latium **19**-475b; anc. Pers. **17**-569c.
City Temple (Lond.) **17**-309b.
Ciudad Guzmán, Mex. **12**-871d.
Ciudad, Juan (Port. monk.): *see* John of God, St.
—, (Barcelona) **3**-103c.
— (Venez.) Pl. I. fig. 10 **23**-VENEZUELA.
—, La., Bal. Is.: *see* Iviza.
— **BOLIVAR**, Venez. [**24**-162 E2; **24**-160 C2]; **5**-732b.
— **DE CURA**, Venez. **5**-732c.
Ciudad de la Plata, Bol.: *see* Sucre.
— de Las Casas, Mex.: *see* San Cristóbal.
Ciudad de Victoria, Mex.: *see* Durango.
Ciudadela, Bal. Is. **2**-970d.
Ciudad Guzman, Mex. **12**-871d
— **JUAREZ**, Mex. [**24**-158 C1]; **5**-732c; pop. **5**-465c.
— Morelos: *see* Cuautla Morelos.
— Porfirio Díaz, Mex.: *see* Piedras Negras.
— Real, Mex.: *see* San Cristóbal.
— **REAL**, prov., Sp. [**24**-32 D3]; **5**-732c; **4**-990a, b.
— **REAL**, Sp. [**24**-32 E3]; **5**-733a.
— **RODRIGO**, Sp. [**24**-32 C2]; **5**-733a.
— Victoria, Mex [**24**-158 E3]; pop. **21**-773a.
— **VIEJA**, Guat. **5**-733c.
Ciurlioniené, Sophie **14**-217b.
Cius, Asia M.**3**-673a.
—, gulf, Asia M.: *see* Mudania, gulf.
Cive, De (Hobbes) **11**-612a.
CIVERCHIO, VINCENZO (It. paint.) **5**-733c.
CIVET (animal) **5**-733d; **4**-898a fol.; teeth **14**-749d.
— (perfume) **17**-506c.
Civetone (chem.) **5**-380b.
Civettictis: *see* Civet.
Civic and Moral Education League, The **8**-4c.
— robes (dress) **19**-354a.
CIVICS (govt.) **5**-733d.
"Civic Virtue" (sculp., Macmonnies) **14**-596a.
CIVIDALE DEL FRIULI, It. [**24**-34 D1]; **5**-734b.
Civil action (Am. law) **18**-408c.
— Aerial Transport Committee (Eng.) **2**-805a.
— Air Transport Subsidies (Eng.) reports **2**-805b.
— and Mechanical Engineers' Society (Eng.) **8**-443c.
— Aviation Advisory Board (Eng.) **2**-805b.
— chief (leader) **5**-463c.
— Club, The **5**-858c.
— Code (Napoleon's) **9**-643b; **9**-221d; **10**-218c.
— Constitution of the clergy (Fr.): *see* Clergy, Civil Constitution of the.
— day (law) **7**-92c.
— death (law) **7**-109b.
— **ENGINEER** **5**-734c; **8**-443b.
— Engineers, Am. Society of **5**-735a.
— Engineers, Institution of (Eng.) **8**-443c.
— government: *see* Civics.
Civil Government, Treatise on (Locke) **11**-729b.
Civil Guard (Ire.): *see* Garda Siochana.
Civilian Rehabilitation Act (1920, U.S.) **13**-553a.
Civili dominio, De **23**-822c.
Civil information **12**-350c.
CIVILIS, CLAUDIS **5**-735a; **23**-106c.
—, Iulius (Batavian sol.): *see* Civilis, Claudius.
Civilisation (Duhamel) **7**-719c.
Civilistische Abhandlungen (Thibaut) **22**-133c.
Civilité (type) **4**-616b.
CIVILIZATION **5**-735b; children **5**-739a; Comte's theories **6**-193d; early forms **6**-159c; food-supply **10**-780c; future prospects **5**-741c; indus. revolution **12**-303d; insanity **12**-384c; kinship **13**-403d; migration of culture **15**-465c; neolithic period **2**-244a; words **5**-740a fol.
Civilization in England, History of (Buckle) **4**-321d.
Civilizations of the East and the West and Their Philosophies, The (Liang Siuming) **5**-573d.
Civil Jurisdiction (Eng.) **1**-173d.
— **LAW** **5**-741d; anc. Athens **10**-831b; arrest, Eng. and U.S. **2**-430c fol.; bail (U.S.) **2**-936a; codes, U.S. **1**-780d, consanguinity **6**-281b; criminal law **6**-710c; libel **13**-998c; primitive **13**-782b; proof in **8**-906a fol.; Rome **19**-447b.
— **LIBERTY** **5**-742a; minorities rights **15**-570b; sci. and indus. **5**-742d; U.S. **5**-743b.
— **LIST** **5**-744b; **5**-744d fol.; pensions **17**-489d.
— List Act (1901, Eng.) **15**-41b.
— List Audit Act (1816, Eng.) **5**-745c.
— Merit, Order of **13**-438b.
— procedure (law) **21**-556a.
— Procedure Act (1833, Eng.) **22**-908b.
— Procedure Repeal Act (1879, Eng.) **1**-171d.
— rights **12**-359d.
— Rights Act (1875, U.S.) **22**-818b.
— Rights Bill (1866, U.S.) **22**-812d; Fr. **9**-776a.
— salvage (Eng.) **19**-906a.
— **SERVICE** **5**-745c; **5**-748a; Brit. **5**-745c fol.; **6**-325a; **8**-738c; **9**-496c; **23**-705a; Europ. **5**-747a; handwriting **4**-617a; Ireland **5**-746c; Jefferson **12**-990c; Roosevelt **19**-537a; U.S. **5**-747d; U.S. **5**-750a; **17**-491d; **22**-820d.
— Act (1883) U.S. **5**-748a fol.
— Assoc. (U.S.) **22**-819b.
— Clerical Assoc. **18**-314d.
— College (Du. E.I.) **7**-871c.
— Commission (Brit.) **10**-574c.
Civil Service in Great Britain (Eaton) **7**-877b.
Civil Service reform (U.S.) **22**-819b.
— Sports (Eng.) **2**-617a.
Civiltà Cattolica **13**-15b.
Civil twilight **22**-637d.
Civil War, American: *see* American Civil War.
Civil War (Eng.): *see* Great Rebellion.
Civil War in France, The (Marx) **14**-998d.
Civil War Medal (U.S.) **16**-638c.
Civil Wars Between Lancaster and York, The (Daniel) **20**-440d.
Civil War, Story of the (Ropes) **19**-547a.
Civil year (chron.) **4**-569a.
Civit, Okla. [**24**-143 F4].
CIVITA CASTELLANA, It. **5**-750d.
Civita di Marano, It.: *see* Cupra Maritima.
— Lavinia, It.: *see* Lanuvium.
Civitale, Matteo **15**-564a; **14**-457b.
Civitas (Rom.) **9**-764b.
— Altae Ripae, Ger.: *see* Brieg.
— Baiocassium, Fr.: *see* Bayeux.
— Ausciorum, Fr.: *see* Auch, diocese of.
— Cenomanorum, Fr.: *see* Le Mans.
— Leonina, It. **13**-926a.
— sine suffragio **7**-222b.
Civitas Solis **22**-915b.
Civitas Turonorum, Fr.: *see* Tours.
Civitate Dei, De **2**-683d.
Civitates orbis terrarum (Braun) **11**-619d.
CIVITAVECCHIA, It. [**24**-34 C3]; **5**-750d; **4**-73b.
— to Leghorn (S.S.) [**24**-9 H5, to Terranova **24**-9 H5].
Civitella del Tronto (battle, 1859) **12**-805c.
Civitucola, hill, It. **4**-788d.
CIVOLI, LODOVICO CARDI Da: *see* Cigoli.
Civray, Fr. [**24**-26 D1].
Cizek, R **10**-405c.
Cknareburg, Yorks., Eng.: *see* Knaresborough.
cl. (abbrev.) **1**-24a; *see also* Chlorine.
Clach-a-Cheannaiche, mt., Scot. **21**-209c.
Clach-a-choin, rock, Scot: *see* Dog stone.
Clach-na-Cudain (stone, Scot.) **12**-547d.
Clackamas, co., Oreg. [**24**-152 C2]; **16**-888b.
CLACKMANNAN, Scot. [**24**-19 E5; **24**-12 A1]; **5**-751a.
CLACKMANNANSHIRE, co., Scot. [**24**-19 E5; **24**-12 A1]; **5**-751b; **10**-701d; **20**-146c; **5**-873b; **5**-877a.
Clacks, Miss. [**24**-119 B1].
Clacton, Ess., Eng. **8**-724d.
CLACTON-ON-SEA, Ess., Eng. [**24**-15 E4]; **5**-751c.
Claddagh, Ire. **9**-994d.
Cladel, Judith **5**-751d.
CLADEL, LEON **5**-751c.
Cladistia (fish) **9**-312c.
Cladocera (zool.) **4**-28c; **6**-804d; **19**-575d.
Cladode **2**-547b; **14**-121c; **21**-381a.
Cladonema fig. 4 **12**-3.
Cladonia: *see* Cup lichens.
— alpestris (bot.) **14**-34a; pyxidata (bot.) fig. 7 **14**-31; rangiferina: *see* Reindeer moss; sylvatica **14**-32d.
Cladophlebis **17**-84b; **17**-86c.
Cladophora **1**-591d; **1**-601b.
Cladophoraceae **1**-594c.
Cladophyl (bot.): *see* Cladode.
Cladoselachus **20**-292 fol.
Cladosporium **20**-934a; citri **16**-837d.
Cladostephus **1**-596d.
Cladothrix (bac.) fig. 6 **2**-903.
Cladoxyleae **17**-79a.
Cladrastis lutea (bot.): *see* Yellow-wood, American.
Clady, riv., Ire. **11**-18c.
Claes, Ernest **3**-348a.
Claflin, Kan. [**24**-142 D3].
Claggett, Md. [**24**-109 C2].
Claiborne, William **15**-5a.
—, co., Miss. [**24**-119 B4].
—, parish, La. [**24**-121 B1].
—, Ala. [**24**-118 B4].
—, Md. [**24**-109 C2].
—, O. [**24**-124 B3].
Claibornes (poultry) **5**-944a.
Claibornian (geol.) **8**-634c.
Claie, riv., Fr. [**24**-24 C4].
Claife, Eng. [**24**-13 B3].
Claim of Right (1689, Eng.) **8**-523c.
Claims, Court of (Eng.) **14**-390d; (U.S.) **17**-657b; **2**-664d.
Clain, riv., Fr. [**24**-26 D1; **24**-24 F5].
Clairac, Fr. [**24**-26 D3].
CLAIRAULT (CLAIRAUT) Alexis C. **5**-751d **2**-585d; **15**-780c; equation **7**-362c; capillary action **21**-593d.
Claircrest, Pa. [**24**-106 B3].
Claire (nick.): *see* Clairmont, Jane.
—, lake, Alta, Can. [**24**-91 C1].
—, riv., Er.I.C. [**24**-71 B1].
— City, S.Dak. [**24**-137 G1].
Clairée, riv., Fr. [**24**-27 K2]; **7**-751b.
Clairemont, Tex. [**24**-122 D3].
Clairfield, Tenn. [**24**-117 H1].
Clariette de Die **7**-346c.
Claire, Godefroid de **20**-688c.
"Claire de Lune" (Debussy) **20**-992b.
Clairfayt, François S. C. J. de C., count of: *see* Clerfayt.
Clairmont, Claire (Clara M. J.) **4**-480c fol.; **20**-485b.
CLAIRON, LA (act.) **5**-751d.
CLAIRTON, Pa. [**24**-106 B3]; **5**-752a.
CLAIRVAUX, Aube, Fr. [**24**-25 K3]; **5**-752a; abbey **1**-16b; fig. 5 **1**-17; **2**-666a; monastery **3**-451a.
Clairvaux, Jura, Fr. [**24**-25 L5; **24**-27 J1].
CLAIRVOYANCE **5**-752b; **18**-669c: *see also* Second sight.
Claise, riv., Fr. [**24**-24 F5].
Claisen flask (instru.) **7**-428d.
— reaction (chem.) **1**-117a.
Clajus (poet): *see* Klaj.
Clallam (tribe) **19**-888b.
—, co., Wash. [**24**-150 A2].
—, bay, Wash. [**24**-150 A2].
Clam, lake, Wis. [**24**-132 A4].
CLAM **5**-752b; **13**-617b; **5**-752b; canning **4**-749d; gastropoda **10**-67d; wampum **23**-319d; *see also* Quahog.
Clamart, Fr. **16**-162d.
Clamator glandarius: *see* Great spotted cuckoo.
— jacobinus: *see* Crested cuckoo.
Clam bake **5**-752b; **6**-372c.
— chowder **21**-38c.
Clambank, cove, Nfd. [**24**-93 A2].
CLAMECY, Fr. [**24**-25 J4]; **5**-752c.

Clam Falls, Wis. [24-132 A4].
— Gallas, Edward, count von 20-386d.
Clam-Martinitz, Heinrich, count 2-764b.
—, Richard, count 2-769d.
Clammy false acacia (tree) 19-358c.
Clamores, riv., Sp. 20-281a.
Clamor Violentiae 11-212c.
Clamp (bricks) 4-114c; chem. fig. 12 5-345; Pl. II. fig. 9 9-FURNITURE MANUFACTURE.
— kiln 4-116d.
— tool fig. 2 20-218.
— silage 8-618a.
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Clamshell excavator Pl. I. fig. 5 8-EXCAVATION.
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CLAN 5-752c; 13-404d; 13-408c; Greece 5-790a; India 4-977a; Ire. 4-85b; New Guinea 16-299c; primitive law 13-781b; totemism 22-315c; marriage 20-865b.
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Clan Alpine, mts., Nev. [24-153 C3].
Clancare (Clancarthy), earl of 7-263a.
Clancey, Mont. [24-144 C2].
Clancy Name, The (Robinson) 19-359c.
Clanconnell, Turlough Luineach O'Neill, earl of 16-791a.
Clandeboy, anc. state, Ire. 12-603d.
—, lords of: *see* Clanaboy.
Clane, Ire. [24-20 E3].
—, bog, Ire. 1-649a.
Clanfield, Oxon., Eng. [24-15 B4].
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— americana: *see* American golden-eye.
— islandica: *see* Barrow's golden-eye.
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Clank, Ill. [24-129 C6].
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Clanny, W. Reid 19-811b.
Clanoventa, Rom. Brit.: *see* Ravenglass.
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—, **ULICK DE BURGH** (Bourke, Burke), 1st earl of (d. 1544) 5-753c; 12-606c.
—, **ULICK DE BURGH** (Bourke, Burke), marquess of (d. 1658) 5-753a.
Clanstal, Ger. [24-38 F2].
Clanton, Ala. [24-118 C3].
CLANVOWE, SIR THOMAS (Eng. poet) 5-753d.
Clanwilliam, Cape Col. [24-81 B4].
Clap, Thomas 23-874d.
CLAPAREDE, JEAN L. R. A. E. 5-754a.
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Clapps Favourite 9-880d.
Clap-trap 22-433c.
CLAQUE 5-754b; 2-138a.
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—, Fla. [24-115 E2].
—, Ire [24-20 D3].
—, Miss. [24-119 D4].
—, Mont. [24-144 D2].
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CLARE (fam.) 5-754d; 4-851a; *see also* Pelham.
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— (Pulcher) Publius **5**-780b, **18**-768d.
— **(GOTHICUS), MARCUS** Aurelius **5**-781a; **2**-694d; **19**-505d.
—, **MATTHIAS** **5**-781b; **10**-224c.
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—, **EMILE** **5**-781b.
Clause (gram.) **19**-430c.
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— purpurea **8**-683c; **19**-780a; *see also* Ergot.
CLAVICHORD **5**-783a; **17**-892c; **17**-893c.
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CLAVICYTHERIUM **5**-783b; **17**-893a; fig. 8 **17**-894.
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—, J. (psych.) **7**-639a.
Claviglis **19**-373c.
Clavigo **5**-783d; **10**-470c.
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CLAVIJO Y FAJARDO, JOSE **5**-783d.
CLAVILUX (instru.) **5**-784a; **6**-65a; **21**-290c.
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Clavisingel **17**-894d.
Clavis sanationis **10**-433b.
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Clavium potestas (eccles.): *see* Keys, power of the.
Clavius, Christopher **7**-311c; **1**-603d; **10**-180c, **4**-571a.
Clavularia (animal) **2**-32d.
Claw (anat.) **20**-753d; **4**-897b.
— (bot.) **9**-411c.
— clutch: *see* Jaw clutch.
Clawddnewydd, Wales [**24**-16 C1].
Claw hammer il. **11**-132.
— or jaw clutch (mech.) fig. A **5**-863.
Claxby ironstone **6**-672.
Claxton, Ga. [**24**-114 E4].
—, Ky [**24**-116 C3].
Clay, A. T. **1**-830a; **7**-176c.
—, **CASSIUS M.** **5**-784a.
—, **CHARLES** **5**-784b; **16**-974d.
—, C. J. P. **18**-873b.
—, **FREDERIC** **5**-784b.
—, Green **5**-784a.
—, **HENRY** (Am. states.) **5**-784c; Adams **1**-156d; Calhoun **4**-584b; Harrison **11**-222a; Compromise of 1850 **6**-186d; **7**-186c; repr. Middle West **15**-454d; Webster **23**-471d; Whig Party **23**-568b.
—, Henry (inv.) **17**-239a.
—, James, M.P. **5**-784b.
—, Lairnia Hart **5**-786a.
—, co., Ala. [**24**-118 D2].
—, co., Ark. [**24**-120 E1].
—, co., Fla. [**24**-115 G2].
—, co., Ga. [**24**-114 A5].
—, co., Ia. [**24**-138 B1].
—, co., Ill. [**24**-129 D5].
—, co., Ind. [**24**-127 A3].
—, co., Kan. [**24**-142 E2].
—, co., Ky. [**24**-116 G3].
—, co., Minn. [**24**-134 B5]; **15**-786b.
—, co., Miss. [**24**-119 D2].
—, co., Mo. [**24**-140 C2].
—, co., N.C. [**24**-112 B2].
—, co., Neb. [**24**-139 F4].
—, co., S.Dak. [**24**-137 H4].
—, co., Tenn. [**24**-117 F1].
—, co., Tex. [**24**-123 E3].
—, co., W.Va. [**24**-111 B3].
—, Ark. [**24**-120 D2].
—, Calif. [**24**-154 C3].
—, Ia. [**24**-138 F3].
—, Ky. [**24**-116 C3].
—, La. [**24**-121 B1].
—, Miss. [**24**-119 D1].
—, N.C. [**24**-112 G1].
—, N.Y. [**24**-103 D2].
—, Pa. [**24**-107 E3].
—, Tex. [**24**-123 F4].
—, Wis. [**24**-133 C5].
—, W.Va. [**24**-111 B3].
—, hills, Utah [**24**-152 D5].
—, inlet, Scot. [**24**-18 B4].
—, mt., N.H., height **23**-578c.
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CLAY (geol.) **5**-786a; as soil **20**-927b; bricks **4**-112a fol.; chem. analysis **5**-106c; compositions **13**-273c; foundations **9**-553d; Ind. O. deposits **12**-246d; S.Am. arch. **21**-73b; terra cotta **20**-222b.
Clayborne, co., Tenn. [**24**-117 H1].
Clayburg, N.Y. [**24**-103 G1].
Clay Center, Neb. [**24**-139 F4].
Clay City, Ill. [**24**-129 D5].
—, Ind. [**24**-127 A3].
—, Ky. [**24**-116 G3].
CLAY CROSS, Derby, Eng. [**24**-14 B2; **5**-786d.
Clayden (meteorol.) **5**-852d.
Claydon, Suff., Eng. [**24**-15 E3].
— house, Bucks., Eng. **5**-593b.
Claye, Fr. [**24**-25 H3].
Clay galls (petrol.) **6**-213a.
Claygate beds (geol.) **8**-633c.
Clayhatchee, Ala. [**24**-118 D4].
Claying (process) **5**-946d.
Clay-ironstone **16**-879a; **6**-213a.
Claymore, S.Dak. [**24**-137 D1].
CLAYMORE (sword) **5**-786d.
Claymount, Del. [**24**-109 D1].
Claymour, Ky. [**24**-116 C4].
Clayoquot, B.C., Can. [**24**-92 D5].
Clay Pan, W.Aus., Austr. [**24**-168 C5].
Claypool, Ariz. [**24**-149 E5].
—, Ind. [**24**-126 C1].
Clayroot, Mo. [**24**-141 H5].
CLAYS, PAUL JEAN **5**-787a.
Claysburg, Pa. [**24**-106 C3].
Clays, Prairie, Ill. [**24**-129 E4].
Clay Springs, Ariz. [**24**-149 E4]
Claysville, Mo. [**24**-141 E3].
—, Pa. [**24**-106 A3].
Clay tablet: *see* Tablet, clay.
Clayton, Sir Gilbert **2**-182d; Arabia **2**-172d; Imam Yahya **2**-183c.
—, John (cler.) **14**-105b.
—, **JOHN M.** (pol.) **5**-787a; **4**-862b.
— P. B. **22**-265b.
— H. H. **5**-852c; **15**-356a.
—, co., Ga. [**24**-114 B3].
—, co., Ia. [**24**-138 F2].
—, Ala. [**24**-118 D4].
—, Del. [**24**-109 D1].
—, Eng. [**24**-15 C5].
—, Ga. [**24**-114 C2].
—, Ia. [**24**-138 F2].
—, Ill. [**24**-128 B3].
—, Ind. [**24**-127 B3].
—, Kan. [**24**-144 B2].
—, La. [**24**-121 C2].
—, Mass. [**24**-98 A1].
—, Mich. [**24**-131 G8].
—, N.C. [**24**-112 G2].
—, N.J. [**24**-105 A3].
—, N.Mex. [**24**-148 F2].
—, N.Y. [**24**-103 D1].
—, O. [**24**-125 C4].
—, Okla. [**24**-143 H4].
—, Ont., Can. [**24**-90 D2].
—, Pa. [**24**-107 F3].
—, S.Dak. [**24**-137 G3].
—, Wash [**24**-150 H3].
—, Wis. [**24**-132 A4].
—, lake, Me. [**24**-96 C2].
—, riv., S.Aus., Austr. [**24**-170 D2].
— Anti-Trust Act (1914, U.S.) **6**-292c; big business **3**-551a; Fed. Trade Comm. **9**-139d; hours and wages **13**-552b; injunction **12**-360b; Interstate Commerce **12**-540a; provisions **22**-521a.
— **-BULWER TREATY** (1850) **5**-787b; **22**-826b; **3**-691c; Brit. Honduras **4**-201d; C. Am. recognitions **5**-126c; Pan. canal **17**-175b.
— le Moors, Eng. [**24**-13 B4].
— limestones· *see* Midwayan.
"Clayton's Case" (Eng.) **3**-38c.
Clayton yellow (dye) **7**-802b.
Clayville, N.Y. [**24**-103 E3].
—, R.I. [**24**-100 B2].
CLAY-WITH-FLINTS **5**-787d.
Claywood, Wis. [**24**-132 E5].
CLAZOMENAE (anc. town, Ionia, Asia M.) **5**-788a; sarcophagus **19**-992c; pottery **18**-341d.
Cleandridas **11**-19c.
Cleaner, root: *see* Root cleaner.
Cleaners (indus.) **7**-515c.
CLEANING: *see* Dry cleaning.
Cleansing cream **9**-25a.
CLEANTHES (Stoic philos.) **5**-788a; **21**-429a; **17**-747d.
Clean-up **3**-291c.
Clear, cape, Ire. [**24**-21 B5; **24**-177 B5].
—, cr., Ariz. [**24**-149 E4].
—, cr., Mo. [**24**-140 C4].
—, cr., Wyo. [**24**-146 F1].
—, isl., Ire. [**24**-21 B5].
—, lake, Calif., (Lake co.) [**24**-154 B3].
—, lake, Calif. (Modoc co.) [**24**-154 C2].
—, lake, N.Y. [**24**-103 F1].
—, lake, Algonquin Park, Ont., Can. [**24**-90 C2].
—, lake, Que., Can. [**24**-89 B2].
—, lake, Renfrew, Ont., Can. [**24**-90 D2].
—, riv., Asia **12**-258d.
Clearance (banking) **3**-34b; **3**-45a.
Clearance (tool) **22**-286d.
Clear boiling (soap mfr.): *see* Boiling on Strength.
Clearbrook, Minn. [**24**-134 C4].
CLEARCHUS **5**-788b; **6**-866c.
Clear Creek, co., Colo. [**24**-147 E2]; minerals **6**-44d.
— Creek, Ind. [**24**-127 B3].
— Creek, Utah [**24**-152 C3].
— canyon, Colo. **6**-43c.
— day (law) **7**-92b.
Cleare, cape, Alsk. [**24**-156 L7].
Clearfield, Ia. [**24**-138 C4].
—, co., Pa. [**24**-106 C2].
CLEARFIELD, Pa. [**24**-106 C2]; **5**-788b.
—, cr., Pa. [**24**-106 C3].
—, S.Dak. [**24**-137 D3].
—, Utah [**24**-152 B1].
CLEARING HOUSE (com.) **5**-788c; **15**-697a; **3**-45a; settling futures **4**-231c; Boston, Mass. **3**-934a; *see also* Bankers' clearing-house.
Clearing nut (bot.) **16**-646b.
Clear Lake, Ida. [**24**-145 C7].
— Lake, Minn. [**24**-135 E6].
— Lake, Okla. [**24**-143 C2].
— Lake, S.Dak. [**24**-137 H2].
— Lake, Utah [**24**-152 B3].
— Lake, Wis. [**24**-132 A4].
Clearmont, Mo. [**24**-140 B1].
—, Wyo. [**24**-146 F1].
Clear River, Minn. [**24**-134 C3].
— Spring, Md. [**24**-108 B1].
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— mash (brewing term) **4**-105d.
— stew (cookery) **6**-371b.
Clearville, Pa. [**24**-106 C4].
Clearwater, William **3**-570c.
—, co., Ida. [**24**-145 C3].
—, co., Minn. [**24**-134 C4].
—, Man., Can. [**24**-91 G4].
CLEARWATER, Fla. [**24**-115 F4]; **5**-788d.
—, Kan. [**24**-142 E4].
—, Minn. [**24**-135 D6].
—, Neb. [**24**-139 F2].
—, N.Y. [**24**-103 F2].
—, Wash. [**24**-150 A3].
—, lakes, B.C., Can. [**24**-92 E4].
—, lakes, Man., Can. [**24**-91 H2].
—, mts., Ida. [**24**-145 C3].
—, riv., Alta.,Can. [**24**-91 C3].
—, riv., Can. **2**-596d.
—, riv., Ida. [**24**-145 B3; **24**-188 C1]; **12**-59d.
—, riv., Minn. [**24**-134 C4].
— Lake, Wis. [**24**-132 D4].
Clear-water worming **1**-939b.
Clearwing moths **13**-948d.
CLEAT (wood) **5**-788d.
Cleaton, Eng. [**24**-13 A3].
CLEATOR MOOR, Cumb., Eng. [**24**-10 C2]; **5**-788d.
Cleavage (crystall.) **6**-823c; gems **10**-93d; **13**-716b; gypsum **11**-42d; nucleus **6**-810a; **15**-525c; in ore dressing **16**-880c.
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Clebsch-Aronhold notation (math.) **1**-609b.
Cleburne, Patrick Ronayne (Am. gen.) **5**-789a.
—, co., Ala. [**24**-118 D2].
—, co., Ark. [**24**-120 C2].
—, Kan. [**24**-142 F2].
CLEBURNE, Tex. [**24**-123 F3]; **5**-789a.
CLECKHEATON, Yorks., Eng. **5**-789a.
Cleddau, riv., Wales [**24**-16 B3].
Clee, hills, Salop **20**-586d fol.
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Cle Elum, Wash. [**24**-150 E3].
CLEETHORPES, Lincs., Eng. [**24**-13 D4; **24**-14 C2; **24**-10 F3]; **5**-789b.
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CLEF **5**-789b; **16**-22b; **6**-968c.
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Cleft, Ida. [**24**-145 C6].
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Cleft leaf (bot.) **13**-825d.
— **PALATE** **5**-789c; **20**-743d.
Cleg (insect) **7**-412d.
Clegg, Samuel **14**-105c; atmospheric railway **2**-641d.
—, Tex. [**24**-123 E5].
—, Ia. [**24**-138 B2].
—, Wis. [**24**-133 B5].
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Cleisthenes (lit.) **5**-790d.
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—, Clara 9-963c.
—, Orion 22-635c.
—, SAMUEL LANGHORNE: *see* Twain, Mark.
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Coalridge, Mont. [24-144 F1].
Coal Run, Ky. [24-116 H3].
—, O. [24-125 D4].
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— Smoke Abatement Society (London) 20-840c.
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— -tar oil 7-351a; *see also* Creosote.
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—, Okla. [24-143 G3].
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—, Utah [24-152 C2].
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—, W.Va. [24-111 B4].
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— barge 3-110a.
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Coastlining 5-304d.
Coast live oak 16-660d.
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— **PROTECTION AND LAND Reclamation** 5-922b.
— Range, mts., Queens, Austr. [24-169 B2].
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— Survey 5-302b.
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Coat (garment) 7-655a.
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— and costume (indus.) 7-659b; *see also* Cloak and suit.
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Coated filament 22-77d.
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—, Jesse 5-929b.
—, **JOSEPH G.** 5-929a; 16-404a.
—, W. H. 16-160a.
—, North, Eng. [24-14 D2].
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Coating (rubber) **19**-609a.
— (met.) **20**-479a.
Coatl **4**-583a.
Coat of arms **11**-458b.
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COATS, J. & P., Ltd. **5**-929b.
Coats, Kan. [**24**-142 D4].
—, O. [**24**-125 D4].
Coatsburg, Ill. [**24**-128 A3].
Coats Land, dist., Antarc. [**24**-5 A2]; **2**-17b.
— of arms (her.): *see* Arms.
Coatsville, Pa. [**24**-107 F4].
Coatzacoalcos, Mex. [**24**-159 F4]; *see* Puerto México.
—, riv., Mex. **15**-378d.
Coa vestis **20**-665b.
Coaxial system **5**-718c.
Coaxing (meas.) **10**-588a.
COB 5-929c.
Coba, lake, Mex. [**24**-159 G3].
COBALT, Ont., Can. **5**-929c; silver **4**-699d; **20**-684b.
Cobalt, Conn. [**24**-101 C1].
—, lake, Ont., Can. **5**-929c.
COBALT (met.) **5**-929c; **5**-361a; **14**-659a; **14**-662a; **15**-324c; **17**-874c; Pl. II. fig. 8 **1**-ALLOYS; Egypt **8**-54c; electrons **17**-518c; electroplating **8**-341a; melting **8**-348b; **2**-650b.
Cobaltammines **5**-930d fol.; graph fig. 4 **8**-325.
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— blue **16**-740d; **17**-67d.
—, chloride **2**-157a.
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— -glance: *see* Cobaltite.
— green **5**-931b; **17**-67b.
— oxide **10**-398d.
— -iron alloy **8**-330a.
COBALTITE **5**-931b; **2**-435b: **5**-929d.
Cobaltous chloride **5**-930d.
Cobalt oxide **3**-951a.
— red **5**-931b.
— series (geol.) **18**-427a.
— steel **14**-662a.
— sulphate **14**-642b.
—, sulphide **2**-157a.
— tetracarbonyl **4**-847a.
— tricarbonyl **4**-847a.
— ultramarine **5**-931b.
— Yellow **17**-66d; **5**-931b.
COBAN, Guat. [**24**-159 F4]; **5**-931c.
Cobar, New South Wales, Australia [**24**-171 G3]; **2**-725b.
— -Barrier, mts., Austr. **2**-704a.
—, peneplain, Austr. **16**-330b.
— -Wyalong, peneplain, Austr. **2**-704a.
COBB, HOWELL **5**-931c.
—, James **23**-113a.
—, Thomas **3**-155c.
—, co., Ga. [**24**-114 B3]; **14**-886d.
—, Calif. [**24**-154 B3].
—, Ky. [**24**-116 C4].
—, N.C. [**24**-112 A3].
—, Wis. [**24**-133 C7].
—, isl., Va. [**24**-110 J3].
— (pier, Eng.) **11**-170a.
—, riv., Minn. [**24**-135 E8].
Cobbadah, N.S.W., Austr. [**24**-171 K3].
Cobban, Wis. [**24**-132 B4].
COBBE, FRANCES POWER **5**-931d.
Cobbett, Anne **5**-933d.
—, Eleanor **5**-933d.
—, James P. **5**-933d.
—, John M. **5**-933d.
—, Richard B. B. **5**-933d.
—, Susan **5**-933d.
—, **WILLIAM** (Eng. au.) **5**-931d; **8**-594b.
—, William (law.) **5**-933d.
—, W. W. **5**-210a.
Cobbett's corn **5**-933c.
Cobbham, Ga. [**24**-114 D3].
Cobbinshaw, reservoir, Scot. **15**-458a.
Cobble (coal): *see* Cob.
Cobbler, mt., Scot [**24**-18 D5].
Cobblers Corner, Hants., Eng. [**24**-15 B5].
Cobbold, J. D. **18**-873b.
—, Richard (cler.) **5**-934b.
—, **THOMAS S.** **5**-934b.
—, W. N. **9**-470d.
Cobborah, Austr. [**24**-171 J4].
Cobbville, Ala. [**24**-118 B4].
Cobden, F. C. **6**-607c.
—, **RICHARD** (Brit. states.) **5**-934b; **4**-148b fol.; **16**-336c; **19**-382d; free trade **9**-742d; suffrage **23**-710a.
—, Ill. [**24**-129 C6].
—, Ont., Can. [**24**-90 D2].
—, Vict., Austr. [**24**-170 F7].
—, The (club) **5**-859d.
Cobden, Life of (Morley) **15**-806b.
Cobden-Chevalier **21**-813d.
Cobdenism **5**-935c; **18**-603a.
Cobdenism, Sanderson, T. J. **3**-858a; **18**-511a.
Cobego (zool.): *see* Colugo.
Cobequid, bay, N.S., Can. [**24**-88 F3]; **16**-570a.
—, mts., Can. [**24**-88 E3].
Coberg, Austr. [**24**-192 C1].
COBET, CAREL G. **5**-935d.
COBH, Ire.: *see* Queenstown.
Cobham (Eng. fam.) **5**-936a.
—, Alan **10**-144d; Pl. III. fig. 3 TRANS-O. AND TRANS-CONT. FLIGHTS.
—, Eleanor **10**-434b.
—, Henry de C., baron **5**-936a.
—, Henry Brooke, Lord **5**-936a; **23**-435b.
—, Joan, Lady of **18**-154d.
—, Sir John de **5**-936a.
COBHAM, Kent, Eng. **5**-936a; **13**-330a.
—, Church, Surrey, Eng. [**24**-15 C4].
—, Pa. [**24**-106 B2].
—, lake, Austr. [**24**-170 F3].
— arms fig. 3 **11**-461.
Cobham's Boy Patriots **5**-318c.
Cobhill, Ky. [**24**-116 G3].
COBIA (CRAB-EATER) (fish) **5**-936a.
Cobija, Chil. [**24**-165 B1; **24**-161 B5]; **2**-81c.
Cobitidae **14**-258a; **9**-316a: *see also* Loaches.
Cobitis taenia (fish): *see* Spined loach.
COBLE **5**-936b; **3**-764b.
Coblentz, W. W. **11**-337b; **14**-961c.
COBLENZ, Ger. [**24**-38 C3]; map **14**-131; 5-936b; Pl. I. fig. 5 **10**-GERMANY; air lines map **1**-463.
—, Switz. [**24**-31 E1].
— beds **7**-289c.
Coblenzian group **7**-290.
Cobleskill, N.Y. [**24**-103 F3].
Cob-nut **9**-233b; **16**-646a.
Coboconk, Can. [**24**-90 C2].
COBOURG, Ont., Can. [**24**-90 C3]; **5**-936c.
Cobra Corral, Arg. [**24**-165 C2].
COBRA **5**-936d; **21**-874d.
"Cobra" (warship) **7**-267a.
Cobram, Austr. [**24**-171 G5].
Cobras, isl., Braz. **19**-314c.
Cobre, Nev. [**24**-153 F1].
Cobre, mines, Cu. **6**-837a.
Cobre, mt., Cu. **6**-833c.
Coburg, Josiah, prince of: *see* Josiah.
— (fam.) **23**-125b.
COBURG, Ger. [**24**-39 F3]; **5**-937b; (French wars) **9**-808a; campaign **9**-812a.
—, Free State, Eur. **3**-231b.
—, Ia. [**24**-138 B4].
—, Oreg. [**24**-151 B3].
—, isl., Can. [**24**-87 O1].
—, penin., S. Aus., Austr. [**24**-166 E1].
— castle **5**-937b.
— (theatre): *see* "Old Vic."
— -Schmalkalden, counts of: *see* Henneberg, counts of.
Coburn, La. [**24**-121 A2].
—, N.Dak. [**24**-136 G3].
—, Pa. [**24**-107 D3].
Cobus defassa: *see* Sing-sing.
— ellipsiprymnus: *see* Waterbuck.
Cobus Yerks **1**-788b.
Coca, riv., Ec. [**24**-162 B4]; **7**-936b.
COCA (CUCA) (bot.) **5**-937c; **3**-815b; **17**-631a.
Cocacin **18**-174a.
Cocagne, riv., N.B., Can. [**24**-88 E2].
COCAINE **5**-937c; **7**-895b; **5**-389b; addiction **7**-676b; anaesthetic **1**-863a; poisoning **18**-119b; **18**-121d.
Cocajo, Marlino (pseud.): *see* Folengo, Teofilo.
"Cocalis *v.* Nazlides" (law) **2**-221c.
COCANADA, India [**24**-67 D3; **24**-64 F5]; **5**-938a.
Cocarde, La (period.) **3**-140a.
Coccajo, Marlino (pseud.): *see* Folengo, Teofilo.
COCCEIUS, JOHANNES **5**-938a.
Coccerin **16**-745d.
Coccidae **9**-989b; **11**-418b; **20**-44a; **19**-211b; *see also* Scale-insects; Dactylopius coccus.
COCCIDIA **5**-938b; **18**-633d.
Coccidiomorpha **18**-633d.
Coccidiosis **23**-115d.
Coccids: *see* Scale insects.
Coccinellidae: *see* Ladybird beetles.
Coccium, Rom. Brit. map **4**-160a; *see also* Wigan.
Cocco-bacteria septica **2**-901a.
Coccoloba **18**-183d.
Coccosphaera fig. 1 **17**-1002.
Coccosteus **7**-288b fol.
Coccothraustes: *see* Hawfinch.
COCCULUS INDICUS **5**-938b; **17**-913c.
Coccus: *see* Kermes.
— ficus: *see* Lac insect.
— ilicis: *see* Kermes.
— lacca: *see* Lac insect.
Coccus lactis viscosus bacillus fig. 8 **2**-905.
Coccus polonicus: *see* Polish grains.
Coccygeal bodies **7**-709c.
— nerves **16**-235a.
— vertebrae il. **20**-732; fig. 2 **20**-733.
Coccygeus **15**-987c.
Coccyx **20**-733b; fig. 3 **22**-898.
Coccyzus americanus: *see* Yellow-billed cuckoo.
— erythrophthalmus: *see* Black-billed cuckoo.
COCENTAINA, Sp.: *see under* Alcoy.
COCHABAMBA, dept., Bol. [**24**-162 D7]; **5**-938b; **3**-815d.
COCHABAMBA, Bol. [**24**-162 D7]; **5**-938c; **3**-815d; **19**-973c.
Cocheco, N.H. [**24**-97 C3].
—, riv., N.H. **7**-562a.
Cochecton, N.Y. [**24**-102 E4].
— Center, N.Y. [**24**-102 F4].
COCHEM, Ger. [**24**-38 C3]; **5**-938d.
Cochet, **H.** **13**-785b.
Cochetopa, hills, Colo. [**24**-147 D3].
—, natl. forest, Col. **19**-881b.
COCHIN, state, India [**24**-67 C5; **24**-64 E7]; **5**-938d; **11**-173d.
COCHIN, India **5**-939b.
COCHIN-CHINA, colony, Fr. I.C. [**24**-71 C3; **24**-57 J8]; **5**-939b; **12**-258b; **5**-940a; **9**-586a; *see also* Annam.
COCHINEAL (dye-stuff) **5**-940b; **4**-729b; **7**-804b; **11**-420b; **12**-361d; **13**-352a.
— (insect) dye **7**-789b; **6**-73a; **7**-796d; **11**-420b.
Cochin oil **5**-949a; *see also* coconut oil.
Cochinos, bay, Cu. [**24**-157 B2].
Cochise (Ind. chief) **2**-91c.
—, co., Ariz. [**24**-149 F7].
—, Ariz. [**24**-149 F6].
Cochiti, N.Mex. **18**-753d.
Cochius, P. M. **10**-404c.
COCHLAUS (DOBNECK) JOHANN **5**-940c; **22**-643a; **3**-531d.
Cochlea **7**-823d; **11**-297c.
Cochlearia (plant): *see* Scurvy-grass.
— Armoracia: *see* Horse-radish.
Cochlear nerve **16**-233d; fig. 5 **7**-825; fig. 3 **16**-234.
— nuclei **16**-233d.
Cochleoid **6**-894c.
Cochlicella (zool.) **10**-68b.
Cochloid: *see* Couchoid.
Cochran, C. B. **3**-988c; **5**-722c.
Cochran, Welker **3**-569d.
Cochran, co., Tex. [**24**-122 C3].
—, Ga. [**24**-114 C4].
—, Ind. [**24**-127 D3].
—, Oreg. [**24**-151 B2].
Cochrane, Archibald, 9th earl of Dundonald: *see* Dundonald, Archibald Cochrane, 9th earl of.
—, Douglas M. B. H., 12th earl of Dundonald: *see* Dundonald, D. M. B. H. Cochrane, 12th earl of.
—, John **5**-432b.
—, (family) Dundonald: *see* Dundonald.
—, Robert, earl of Mar: *see* Mar.
"Cochrane" (Brit. cruiser) **23**-786d.
Cochrane, Ala. [**24**-118 A2].
—, Alta., Can. [**24**-91 C3].
—, Wis. [**24**-133 B5].
—, riv., Can. [**24**-91 F1].
Cochran Mills, Pa. [**24**-106 B3].
Cochranton, Pa. [**24**-106 A2].
Cochranville, Pa. [**24**-107 F4].
Cochrome **5**-931b.
Cocinera **19**-951a.
Cock, Hieronymus **8**-745d.
— (of hay) **11**-282a.
COCKADE **5**-940d.
— fan **9**-65a.
COCKAIGNE (COCKAYNE) Land of (myth.) **5**-941a.
— (overture, Elgar) **8**-354b.
Cock-a-leekie **13**-868c.
Cockateel **5**-941a.
COCKATOO **5**-941a.
COCKATRICE **5**-941b.
Cockaygne, The Land of (poem) **5**-941a.
Cockayne, Land of (myth.): *see* Cockaigne, Land of.
COCKBURN, SIR ALEXANDER J. E. **5**-941b; **1**-493b.
—, **ALICIA** (Alison) **5**-942a.
—, **SIR GEORGE** **5**-942a; **23**-612d.
—, **HENRY THOMAS** **5**-942b.
—, William (rebel) **20**-312a.
Cockburn, Austr. [**24**-170 E4].
—, Ont., Can. [**24**-90 A1].
—, chan., Chil. [**24**-165 B7].
—, mt., Australia [**24**-168 D2].
—, sd., Australia [**24**-168 A5].
— Harbor, B.W.I. **22**-625b.
— Land, Arct. [**24**-187 H1].
Cockburnspath, Scot. [**24**-19 F6; **24**-12 B2].
— Tower, ft. **3**-467a.
COCKCHAFER **5**-942b; **5**-187c, **6**-7b; fig. 5 **12**-406; fig. 22 **6**-7; *see also* June-bug.
Cocke, William **21**-935d fol.
Cocke, co., Tenn. [**24**-117 H2].
Cocked hat (bowling) **3**-978c.
— Hat (math.): *see* Bicorn.
— hat and feather **3**-978c.
Cockenzie, Scot. [**24**-12 B2]; **18**-461b.
Cockerbundy: *see* Garden-chafer.
COCKERELL, CHARLES R. **5**-942c; **1**-216d; **15**-635a fol.; **17**-703b.
—, Douglas **3**-858a.
—, Frederick P. **5**-942c.
—, Samuel P. **5**-942c.
—, T.D.A. **17**-94c.
Cockerham, Eng. [**24**-13 B4].
Cockerill, John **5**-942c.
—, John **20**-340a.
—, John A. **18**-759d.
—, **WILLIAM** (inv.) **5**-942c.
COCKERMOUTH, Eng. [**24**-13 A3]; **5**-942d.
Cocker spaniel **7**-497b; Pl. II. fig. 13 **7**-DOG.
Cockeysville, Md. [**24**-109 C1].
Cockfield arms fig. 5 **11**-465.
COCK-FIGHTING (COCKING) **5**-942d; **10**-13c.
Cock-headed Gnostic demon **8**-50b.
Cocking, Robert **2**-1008d; **17**-252c fol.
—, Eng. [**24**-15 C5].
Cockington, Eng. Pl. IV. fig. 5 **8**-ENGLAND.
COCK LANE GHOST **5**-944a; **13**-112d.
COCKLE, SIR JAMES (math.) **5**-944a.
—, James (surg.) **5**-944a.
COCKLE (zool.) **5**-944b; fig. 3 **13**-617 fol.
— bed (geol.) **13**-196a.
COCKLEBUR (bot.) **5**-944c; **18**-123d.
Cockle Park, Eng. **9**-193c.
Cock Lovell's Bote **4**-38b.
COCKNEY **5**-944d.
Cockney Sporting Plates **4**-868b.
COCK-OF-THE-ROCK (bird) **5**-945a; **18**-72b.
— of the Woods: *see* Capercaillie.
Cockpen, Scot. **6**-989c.
Cockpence **5**-943d.
COCKPIT **5**-945a.
— (house, Lond.) **23**-360b.
— (theatre, London) **5**-945a.
Cockpits **5**-943c.
COCKROACH **5**-945a; **16**-944b fol.; fig. 3 **12**-406; fig. 12 **12**-408; fig. 19 **12**-410; fig. 21 **12**-411; fig. 22 **12**-411; fig. 30 **12**-414; fig. 1 **16**-944.
Cockrum, Miss. [**24**-119 C1].
Cocks, Richard **1**-158d; **12**-938b.
COCK'S COMB (bot.) **5**-945b.
Cockscomb, mts., Brit. Hond. [**24**-159 G4]. **4**-200c.
— pyrites **14**-863c.
Cocksfoot (plant) **10**-648c fol.; **10**-652d, **10**-657c; *see also* Orchard grass.
Cock spurs (grain) **14**-736c.
Cocktail set Pl. VI. fig. 2 **20**-SILVERSMITHS' AND GOLDSMITHS' WORK.
COCKTON, HENRY **5**-945b.
COCKX, HIERONYMUS (Cock, Jerome) **5**-945c.
—, Matthys **5**-945c.
Coco, W. Va. [**24**-111 B3].
—, chan. And. Is. [**24**-66 C4].
—, isls., India: *see* Great Coco, Little Coco.
—, riv., Nic.: *see* Segovia, riv., Nic.
COCOA, INDUSTRY AND Trade **5**-945c; **5**-613a; **10**-486d fol.
— (bean) **7**-941b; **18**-779b.
— (bev.) **1**-191c; **5**-948a; **5**-945c fol.; **7**-357b.
COCOA BUTTER **5**-948c; *see also* Cacao butter.
Cocoanut Crab **14**-705a.
— oil: *see* Coco-nut oil.
Cocoa palm **2**-427a.
— tea **5**-948a.
— Tree (Eng. club) **5**-859d.
COCO DE MER (DOUBLE Coco-nut) **5**-948c; **17**-154b.
Cocodry, La. [**24**-121 B3].
Cocolalla, Ida. [**24**-145 B1].
Cocolanus, Pa. [**24**-107 D3].
Cocom **5**-129a; **22**-917d.
COCOMA **5**-948c.
Coconino, co., Ariz. [**24**-149 C3]; **9**-350c.
—, Ariz. [**24**-149 C3].
—, plat. Ariz. **10**-631d.
Co-consciousness **21**-491c.
COCONUCAN **5**-948c; **5**-447a.
Coconucos (tribe) **5**-948c.
Coconut Grove, Fla. [**24**-115 H6].
—, isl. Haw. Pl. I. figs. 1, 2 **11**-HAWAII.
Coco-nut (tree) **16**-427b.
— (food) **16**-646a; Pl. II. fig. 5 **23**-VENEZUELA; **7**-872d; **5**-948d.
— cake **6**-586a.
— crab: *see* Robber-crab.
— fats **16**-746c.
— meat **1**-416d.
— milk **5**-950b.
— moth **8**-625c.
— **OIL AND CAKE** **5**-948d; **3**-208a; **5**-950a; **16**-747b.
— **PALM** **5**-950a; **5**-948d; il. **5**-950; **16**-744c; **17**-6b.
— poonac (pulp) **5**-949a.
— shell **5**-950d.
Cocoon **12**-416c; **13**-953a; silkworm **20**-666b; Pl. fig. 3 **20**-SILK AND SERICULTURE.
— beater (mach.) **20**-675a.
COCOPA (tribe) **5**-950d.
Cocoparra, mts., N.S.W., Austr. [**24**-171 H4].
Cocopaxi, Colo. [**24**-147 E3].
Coco-powder (explosive): *see* Brown powder.
Cocos, isls., Ind. O. [**24**-3 Q5].
—, isls., Sum. [**24**-72 A3]; **21**-449a; *see also* Keeling.
— (tree): *see* Coconut palm.
— crispa: *see* Corojo palm.
— nucifera **5**-948d; *see also* Coco-nut; Cocoa-palm; Coconut palm.
Coco-stearin **5**-950d.
Cocteau, Jean **17**-908a.
Cocula, Mex. [**24**-158 D3].
Cocuy, mts., Colom. **1**-904c.
Cocx, Gonzalez: *see* Coques, Gonzalez.
—, Pieter Willemsen **6**-420b.
COCYTUS, riv., Gr. **5**-950d.
C.O.D.: *see* Cash on Delivery; *see also* **1**-24a.
Cod, cape, Mass. [**24**-99 D1; **24**-95 N2; **24**-187 J4].
COD (fish) **5**-951a; (angling) **1**-941c; **9**-293d; Canada **4**-700d; culture **17**-962a; curing **9**-291b; industry **17**-862b; Nfd. **16**-289a; sphenotic bone **20**-762a; (U.S.) **9**-299a.
CODA (mus.) **5**-951c.
— Cavallo, cape, Sard. [**24**-35 B4].
Codbeck, riv., Eng. **22**-136a.
CODDE, PIETER **5**-951c.
CODDINGTON, WILLIAM **5**-951c; **16**-326d; **19**-256d.
—, Wis. [**24**-133 D5].
Coddled eggs **8**-28d.
CODE (law) **5**-951c; ethics **6**-156d; **6**-170b; **6**-157d; Hammurabi **6**-159d.
Code, Pénal (law) **6**-717a.
— books **5**-958a.
— Civil (Fr.) **13**-794d; **18**-246a; *see also* Code Napoléon.
— d'Instruction Criminelle **6**-717a; **9**-773c.
— du Travail et de la Prévoyance Sociale **9**-777a.
CODEINE **5**-952d; **16**-810c.
Codell, Kan. [**24**-142 C2].
Coden, Ala. [**24**-118 A5].
CODE NAPOLEON **5**-952d; **5**-952b; **9**-275d; **16**-95a; **6**-717a; **9**-773d; divorce **7**-459a; influence **13**-204a; It. **12**-734a; **12**-800d.
Cod-end (trawling) **20**-285d.
Code Noir **20**-781a.
Code of Hammurabi: *see* Hammurabi, code of.

Code of Laws of King Ine, The **18**-592c.
Codes (law) **10**-217d.
—, States **18**-408d.
— **AND CIPHERS** 5-954d.
Codetta 5-951c.
CODEX 5-959c; **3**-869c; **17**-463c.
— (pharmacopoeia) **17**-691d.
—, in titles: *see under* leading word.
Cod farm **9**-291b.
Codfish, isl., N.Z. [**24**-173 A7].
Codiaceae **17**-72a.
CODIAEUM 5-959c.
— variegatum: *see* Croton.
Codicariae **3**-762d.
CODICIL: *see* Will.
Codicillarii: *see* Honorarii.
Codicote, Eng. [**24**-15 C4].
Codification **9**-771c.
Código civil **21**-147a.
Codington, co., S. Dak. [**24**-137 G2].
CODINUS, GEORGE 5-959c.
Codium **1**-596a.
Cod-line **20**-285d.
Codling, light ship, Ire. [**24**-20 F3].
CODLIN MOTH 5-959d; **13**-955d; **13**-949a; fruit **9**-886c; **2**-138d; cost **8**-622a; walnut **23**-311b.
— **LIVER OIL** 5-959d; **16**-747b; industry **17**-862b; Nfd. **16**-289b.
— -net **16**-289b.
Codo, Braz. [**24**-164 B1].
Codogno, It. [**24**-34 B2].
Codomannus (of Pers.): *see* Darius III.
Codon **3**-373b.
Codorus, Pa. [**24**-107 E4].
Codosiga **18**-632c.
CODRINGTON, CHRISTOpher 5-960a.
—, **SIR EDWARD** 5-960b; **7**-862c; **8**-91d; **16**-171b; **19**-767a.
—, Sir John H. 5-960c.
—, Sir William 5-960c.
— college **3**-95a; 5-960b.
"Codrington" (ship) **7**-268a.
Codroy, Nfd. [**24**-93 A3].
CODRUS (myth.) 5-960c.
Codrus, Athens map **2**-605a.
Cods: *see* Kobbeljauws.
CODY, WILLIAM F. 5-960c; ranch, North Platte **16**-535b.
—, Neb. [**24**-139 C2].
—, S.Dak. [**24**-137 D3].
—, Wyo. [**24**-146 C1].
— Way, highway, U.S.: *see* Black and Yellow Trail.
Coe, glen, Scot. [**24**-18 D5].
Coeburn, Va. [**24**-110 B4].
COECILIA 5-960d.
Coecilian (zool.) **1**-834b.
Coecilliidae (zool.) 5-961a.
Coe college (Ia.) 5-86d; **12**-580d.
COEDUCATION 5-961b; **7**-966d.
COEFFICIENT (math.) 5-963a; **1**-604d; invariants and covariants **1**-608c; relations between roots **6**-666c.
— method (anthro.) **18**-865c.
— of correlation: *see* Correlation coefficient.
— of diffusion (phys.) **7**-369d.
— of friction **15**-168a.
Coe Hill, Can. [**24**-90 D2].
COEHOORN, MENNO, baron van 5-963b; War of Sp. Succession **21**-165a.
Coehorn mortar (gun) **2**-470d; 5-963b.
Coela, pass, Gr. **22**-131d.
Coelacantha (biol.) **18**-633c.
Coelacanthae represented in Triassic **17**-107d.
Coelacanthidae (fish) **9**-328a
Coelebs in Search of a Wife (H. More) **15**-794a.
Coelentera **4**-645c; **17**-273c.
COELENTERATA 5-963c; development **12**-552c fol.; **1**-127a; compared with ctenophora **6**-831d; olfactory sense **20**-821c; **12**-1b.
Coelestius (theol.) **17**-447d.
Coelesyria, dist., Syr. **21**-717b; **18**-732a.
—, val., Syr.: *see* Buka'a.
Coelho, Duerto **4**-56d.
—, Gomes **18**-295d.
—, Pedro **5**-7a.
— Pereira, D. **19**-12a.
Coeliac axis (anat.) **2**-452c; — glands (anat.) **14**-524b.
— plexus **16**-234c; **16**-240c.
Coelioscopy (med.): *see* Laparoscopy.
Coelleda, Mo. [**24**-140 E4].
COELLO, ALONSO S. 5-969a.
—, **ANTONIO** 5-969a.
COELLO, CLAUDIO 5-969b.
—, Isabella S. 5-969a.
Coelo De (Aristotle) **20**-137d.
Coelogenys: *see* Paca.
Coelolepidae (fossil) 6-923b.
COELOM AND SEROUS Membranes (anat.) 5-969c; 5-970d; ear **7**-825d; ferret embryo il. **20**-734; in Enterozoa **23**-977d.
— (zool.) of Annelida **1**-988b; (zool.) of leeches **1**-996d.
COELOMATA (zool.) 5-971c; **1**-127a; **23**-977d.
Coelomic fluid (zool.) **3**-1001a.
Coelomoduct (zool.) **23**-102d; Annelida **1**-988c; functions **8**-389a; in phoronis **17**-778a; mollusca **15**-675d; trochophore **12**-553c.
Coelomostome **23**-102d.
Coelopeltis (snake) **20**-852d.
Coelopeltis: *see* Spanish lizard.
Coeloplana (zool.) **6**-831c.
Coelops (bat) 5-599d.
Coelospiridae (zool.) **3**-1001c.
COELOSTAT 5-971c; **16**-674b.
Coelred (Mercia) 15-266a.
Coemgin, Gilla: *see* Gilla Coemgin.
Coemptio (Rom. law) **19**-451c; Cicero **6**-226b; *see also* Confarreatio.
COEN, JAN P. 5-971d; **3**-199c.
—, Austr. [**24**-169 B1].
Coenaculum (Jerusalem) **17**-926a.
Coena Domini, In (papal bull) **22**-892d; **17**-219b.
Coenobite **11**-505d.
Coenobitidae (crab) **6**-627b.
Coenoecium (zool.) **18**-730a.
Coenolestes (zool.) **7**-938b; *see also* Opossum-rat.
Coenoor, India [**24**-67 C4].
Coenopteridaceae **18**-729a.
Coenosarc **12**-2b; **12**-6a.
Coenred (k. of Mercia) **1**-274d; **8**-726b; **15**-266a.
Coen River (Austr.) **2**-737b.
Coenurus (zool.) **21**-805b.
Coenus (gen.) **11**-957b.
Coenwalh (of Wessex) **7**-858a.
COENWULF (k. of Mercia) 5-971d; **14**-363b; **13**-328a.
COERCION 5-972a; **9**-748a.
— Act **10**-387c; **9**-521c; **11**-136a.
Coercive field (phys.) **14**-660a.
Coercivity (phys.) **14**-660b; elec. **14**-642c.
Coerulignol (chem.): *see* Propylguaiacol.
Coerulignone: *see* Cedriret.
Coeruline (dye) **7**-804c.
Coës **13**-962c.
Coesse, Ind. [**24**-126 C1].
Coesyra **17**-444a.
Coetivy, isl., Ind.O. **20**-422a.
Coetlogon, Dennis de **8**-426d.
Coëtlouh, council of (848) **16**-482d.
Coetnempren, Armand G. S. de, comte de Kersaint: *see* Kersaint.
Coetus (rel. body) **19**-44d.
COEUR, JACQUES (Fr. trader) 5-972a; Bourges house **21**-299b; **11**-813a; il. **11**-811; fig. R **2**-230.
—, lake, Ida. [**24**-145 B2].
Coeur à Coeur (play, Coolus) **6**-378d.
COEUR D'ALENE (N. Am. Indians) 5-972c; Idaho **12**-60d; **19**-888b.
COEUR D'ALENE, Ida. [**24**-145 B2]; 5-972c.
—, lake, Ida. **12**-60b.
—, mining dist., Idaho **23**-304d.
—, mts., Ida. [**24**-145 B2]; **12**-59d.
Coeur de Lion: *see* Richard I.
Coeur double, Roi au masque d'or (Schwob) **20**-114c.
Coeuret, Adam: *see* Lesage.
Coëx, Fr. [**24**-24 D5].
Coeymans, N.Y. [**24**-103 G3].
Cofanes (tribe) **10**-928b.
Cofe (slang): *see* Cove.
Coffea (plant) 5-972d.
— arabica: *see* Coffee tree.
— excelsa 5-972d.
— liberica: *see* Liberian coffee; Coffee plant.
— robusta: *see* Congo coffee.
— stenophylla: *see* Sierra Leone coffee.
Coffee, co., Ala. [**24**-118 C4].
—, co., Ga. [**24**-114 D5].
—, co., Tenn. [**24**-117 E2].
—, Calif. [**24**-154 B2].
—, Ga. [**24**-114 D5].
—, Va. [**24**-110 E3].
COFFEE (drink) 5-972d; adulteration in Eng. **1**-187d; **1**-191c; Arabia **2**-175d; berry 5-972d fol.; Brazil **4**-55a; caffeine **18**-779b; Colombia **6**-32c; Costa Rica **6**-499a; Cuba **6**-836c, disease **18**-36a; indust. Du. E.I. **7**-872c; India **12**-181a, native to Kaffa, Aby. **13**-237c; name **1**-72b; physiol. action 5-973b; production **22**-494c; Rio de Janeiro **19**-316a; Santos **19**-982c; imports (1900-26) **1**-416b; Venez. **23**-52a.
Coffee Liberian: *see* Liberian coffee.
—, mt., St. Thomas, W.Af. **19**-859d.
—, **PREPARATION OF** 5-975d.
— **-BERRY** 5-976b.
— flowers and berries il. 5-973.
— -house (inn) 5-973b; first **19**-229b; in Eng. 5-858c.
— -leaf 5-975a.
— -leaf disease 5-974a.
— picking il. 5-973d.
— plant **19**-614a.
— seed 5-974a.
— Springs, Ala. [**24**-118 D4].
— sugar: *see* Demerara.
— tannin **21**-795c.
Coffeen, Ill. [**24**-129 C4].
Coffeeville, Miss. [**24**-119 C2].
Coffeoideae (bot.) **19**-614a.
COFFER (arch.) 5-976c.
Coffer (chest) 5-976c; 5-436d; marriage **4**-976a; *see also* Chest.
— **-DAM** (engin.) 5-976c; foundations **9**-555c; fig. 3 **9**-555; bridge construction **4**-135c; tunnel construction figs. **22**-563 fol.
Coffered ceiling 5-87c.
Cofferer (Eng. offi.) **23**-341a.
Coffey, Aeneas **21**-244c fol.; still **23**-570a.
—, co., Kan. [**24**-142 G3].
—, Mo. [**24**-140 C1].
COFFEYVILLE, Kan. [**24**-142 G4]; 5-976c.
Coffin, C. C. (Am. au.) 5-476a.
—, J. H. **4**-474c.
—, Levi **22**-681a.
—, Lucretia: *see* Mott.
—, bay, Austr. [**24**-170 B5].
—, isl., Can. [**24**-88 H1].
COFFIN 5-976c; Egyp. **8**-49a; **8**-60c; decoration of **8**-47b; wooden Pls. VIII. and XI. fig. Bottom **8**-EGYPT; varieties **7**-97b.
Coffinan, Mo. [**24**-141 G4].
Coffinhal, Jean B. **19**-356d.
Coffinships (nick.) **18**-77a.
Coffs Harbour, N.S.W. Austr. [**24**-171 L3]; **16**-332d.
Cofield, N.C. [**24**-112 J1].
Cofre de Perote, mt., Mex. **15**-377d; **12**-871b.
COG 5-977c.
Cogad Gaedel re Gallaib (Ir. history) **12**-642c.
Cogamus, riv., Asia. M.: *see* Kuzu.
Cogan, Milo de **12**-603a.
— House, Pa. [**24**-107 D2].
Cogar, Okla. [**24** 143 E3].
COGERS' HALL 5-977c.
Coggan, Ia. [**24**-138 F2].
Coggeshall, Eng. [**24**-15 D4].
Cogging (carpentry) fig. 7 **4**-911 fol.; **9**-511b.
Cog Hill, Tenn. [**24**-117 G2].
Coghinas, Sard. **19**-994d.
—, riv., Sard. [**24**-35 B4].
Coghlan, Sir Charles (Brit. states.) **19**-266a.
—, **CHARLES F.** 5-977d.
—, Rose (Ir. act.) 5-977d.
—, **SIR TIMOTHY A.** 5-977d.
Cogioba (tobacco): *see* Cohiba.
Cogito, ergo sum (philos.) **4**-941d; **7**-248b; **13**-455c.
Cogliano, mt., Alps **1**-694d.
COGNAC, Fr. [**24**-26 C2]; 5-978a.
— (brandy) 5-978a; **23**-654c.
—, Kan. [**24**-142 A4].
—, treaty of (1526) 5-978a; Clement VII. and Francis I. (of Fr.) 5-794d; League **17**-213b.
— pot still fig. 3 **21**-244.
Cognatic system **19**-453d.
COGNE, It. 5-978a.
Cognelée, ft., Belg. **3**-367c.
Cogniet, Léon **3**-852a.
COGNITION 5-978b; Avicenna **2**-187d; contemporary "theory of knowledge" **13**-463d; Fichte **9**-218a fol.; (psych.) 5-978b; Hume **11**-881a; Kant **13**-268b; problem of truth **22**-522a fol.; Plato **17**-746b; Pūrva Mīmāmsā **12**-252a; Scotus **7**-744d; substance **21**-501b; transcendentalism **22**-405c; **18**-680a; **18**-679b fol.; abilities **1**-47c; animals **1**-962a.
COGNIZANCE (law) 5-978b.
— (heraldry) 5-978b.
Cognomen **16**-64a.
Cogolludo, Sp. [**24**-32 E2].
Cogon, riv., Fr. Gui. [**24**-80 B3]; **9**-759b.
Cogón (grass): *see* Lalang.
Cogredient (math.) **1**-608b.
— isomorphism **10**-814d.
Cogswell, Alice **7**-102d.
—, N.Dak. [**24**-136 G3].
Coguar, Can. [**24**-89 A1].
Cogul, Sp. **2**-241d.
Cohagen, Mont. [**24**-144 E2].
COHAN, GEORGE M. 5-978b; **7**-612b; vaudeville **23**-13d.
Cohansey, cr., N.J. [**24**-105 A3].
Cohasset, Mass. [**24**-99 D1].
—, Minn. [**24**-134 E4].
Cohay, Miss. [**24**-119 C3].
COHEN (name) 5-978c.
—, A. **13**-63d.
—, Arthur 5-714c.
—, **ERNST JULIUS** 5-978c.
—, Hermann **16**-215d; **13**-42c; **17**-756d.
—, Morris R. **13**-200c.
—, Philipp A. **15**-308b.
Cohenite (min.) **15**-342b.
"Cohens *v.* Virginia" **14**-969b.
COHERER (phys.) 5-978d; elec. waves **8**-302c fol.
COHESION: Solid State, Theory of: *see also* **21**-593b; **21**-595d; **6**-823a; **18**-23c.
Cohiba (tobacco) **23**-537a.
Cohn (name): *see* Cohen.
—, **FERDINAND J.** 5-978d; bacteria classification **2**-901a; diseases of bees **3**-311b; deposits **20**-716a.
—, **GUSTAV** 5-979b.
—, Jonas **1**-272d.
—, Ill. [**24**-129 E4].
COHNHEIM, JULIUS 5-979b; cancer research **4**-734b.
Cohnheim's hypothesis (med.) **22**-544d.
Cohn-Viebig, C.: *see* Viebig, Clara.
Cohoctah, Mich. [**24**-131 G7].
Cohocton, N.Y. [**24**-102 C3].
—, riv., N.Y. [**24**-102 C3].
Cohoe (fish) **1**-937d.
COHOES, N.Y. [**24**-103 G3]; 5-979c; housing **11**-842a.
Cohon, O. [**24**-124 B2].
Cohors amicorum 5-979c.
— praetoria (army) 5-979c.
COHORT (Rom. army) 5-979c; **19**-394d; **2**-309a.
Cohortes urbanae **18**-411a.
— vigilum **18**-411b fol.
Cohuna, Austr. **14**-764d.
Cohutta, Ga. [**24**-114 B2].
—, mts., Ga. [**24**-114 B2].
Coiba, isl., Pan. [**24**-158 H6]; **17**-168b.
COIF 5-979d; **19**-353d.
Coign (arch.) 5-980b.
Coigny, François **2**-778c.
Coil (elec.) 5-888b; choking **8**-287a.
Coila, Miss. [**24**-119 C2].
Coilachra, Scot. **13**-296a.
Coil aerial **23**-665b.
Coil and plunger **8**-332c.
— antenna **2**-24c; **7**-416c.
— -clutch (mech.) 5-864d fol.
— drive speaker **18**-904c.
Coiler, cotton machinery Pl. V. fig. 2 **6**-COTTON AND THE COTTON INDUSTRY.
Coiled work **3**-179b.
Coiling **18**-373c.
Coillard, François **3**-134c.
Coil magnetometer **14**-671d.
Coimbatore, dist., Madras, India 5-979d.
COIMBATORE, India [**24**-64 E7]; 5-979d; **14**-614d.
Coimbra, Pedro, duke of: *see* Pedro.
—, prov., Port. [**24**-32 B2]; **3**-332a.
—, Braz. [**24**-163 A6].
COIMBRA, Port. [**24**-32 B2].
—, University of 5-980a; **7**-1003c; **18**-277b; **22**-866a.
Coin, Ark. [**24**-120 B1].
—, Kan. [**24**-142 B3].
COIN, Sp. [**24**-32 D4]; 5-980b.
COIN (die) 5-980b.
Coinage 15-695d; alloys **15**-579c; anc. Rom. **16**-621b; bronze **15**-579d; Celtic **2**-256d; dating **16**-624c; decimal: *see* Decimal coinage. dime **7**-388b; Greece **1**-218a; **16**-616a; Lydia **14**-516c; marks on anc. **16**-617a; mediaeval Eur. **16**-624b; metals **1**-663a; **22**-438b; Pl. I. **16**-NUMISMATICS; 5-980b fol.; figs. 14, 15 **2**-257; coining die fig. 1 **7**-353; cutting machine fig. 1 **15**-580; coining press fig. 2 **15**-581; India (ancient) **12**-212c fol.; manufacture **15**-579a; numismatics **16**-615b; Oliver Cromwell **6**-761b, portraits on anc. **16**-623d.
Coinage Act **7**-189a.
— **OFFENCES** 5-980b.
Coincidence range-finder (instru.) **18**-973b.
Coincidental hallucinations (psych.) **11**-1085.
Coincy, children of Mme. de, Miniature Pl. II. fig. 8 **15**-MINIATURE PAINTING.
"Coin de Table, Un" (paint., Fantin Latour) **9**-69d.
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— gossypii **6**-529a.
— luxificum: *see* Witch Broom.
Collett, Jakobine C. **16**-560c.
—, Jonas **16**-553d.
—, Ind. [**24**-126 C2].
COLLETTA, PIETRO (It. gen.) **6**-16d; **12**-746a.
Collett's Inn (Ire.) **12**-376d.
COLLEY, SIR GEORGE POMEROY **6**-17a; **22**-425d.
—, Pa. [**24**-107 E2].
Colli, Baron **9**-815d fol.
Colliculi (anat.) **4**-12b.
Collidines (chem.) **18**-797d.
Collie, J. N. (chem.) **5**-373c; **5**-374d; **22**-412a.
—, W.Aus., Austr. [**24**-168 B5].
— (dog) **7**-496b; Pl. I. fig. 4 **7**-DOG.
— coalfield, Austr. **2**-726a.
COLLIER, ARTHUR **6**-17a.
—, **JEREMY** (Eng. cler.) **6**-17b; **16**-485c; **6**-255c; **7**-602d.
—, **HON. JOHN** **6**-18a.
—, **JOHN PAYNE** (Brit. critic) **6**-18a; **15**-211c.
—, Robert Porrett, 1st baron Monkswell: *see* Monkswell.
—, co., Fla. [**24**-115 G5].
—, bay, W.Aus. [**24**-168 C2; **24**-166 C2; **24**-192 B1].
COLLIER: *see* Hewer.
— (ship) Pl. II. figs. 1, 2, 3 **20**-SHIP.
— à toutes bêtes, Le (Fr.): *see* St. Michael, Order of.
— City, Fla. [**24**-115 G6].
Collier's (Am. period.) **16**-358c
Colliers, S.C. [**24**-113 B3].
—, W.Va. [**24**-111 C1].
Collierville, Tenn. [**24**-117 B2].
Collieston, Scot. [**24**-18 G4].
COLLIMATOR (lens) **6**-18b; spectroheliograph **21**-179a; photography **17**-812c.
— magnet (instru.) **14**-670b.
COLLIN, HEINRICH JOSeph Von (dram.) **6**-18b.
—, Matthäus von **6**-18c.
—, Scot. [**24**-12 A2].
—, co., Tex. [**24**-123 F3].
Collina (gate, Rome) **19**-465d; **19**-493b.
COLLIN D'HARLEVILLE, Jean François **6**-18c.
Collinear imagery **16**-818a.
— points (math.) **16**-483c.
Collineation (math.) **10**-174a; **18**-575a; **10**-915d.
Colline Beaumont, Fr. [**24**-24 G1].
Collinée, Fr. [**24**-24 C3].
Colline inspirée, La (Barrès) **3**-140b.
COLLING, ROBERT AND Charles **6**-18c; **5**-47a.
—, Mich. [**24**-131 H6].
Collingbourne Ducis, Wilts., Eng. [**24**-15 B4].
—, Kingston, Eng. [**24**-15 B4].
Collinge axle (mech.) **4**-929b.
Collingham, Notts., Eng. [**24**-14 C2].
—, Yorks., Eng. [**24**-13 C4; **24**-14 B2].
COLLINGS, JESSE **6**-18d.
—, Richard **16**-335a.
COLLINGSWOOD, N.J. [**24**-105 A3]; **6**-18d.
Collingsworth, co., Tex. [**24**-122 D2].
Collington, Md. [**24**-109 C2].
COLLINGWOOD, CUTHBERT Collingwood, baron **6**-19a; **22**-390a fol.
—, co., N.Z. [**24**-172 D4].
—, N.Z. [**24**-172 D4].
COLLINGWOOD, Vict., Austr. **6**-19c.
—, Queens., Austr. [**24**-169 B3].
COLLINGWOOD, a town, province of Ontario, Dominion of Canada [**24**-90 B2]; **6**-19c.
COLLINS, ANTHONY **6**-19d; **23**-736b; **7**-145b.
—, Arthur (mgr.) **7**-607a.
—, A. E. J. **6**-701d.
—, Benjamin (print.) **10**-495d.
—, E. K. (Am. mer.) **20**-513b.
—, **JOHN CHURTON** **6**-20a.
—, Jonas (mgr.) **1**-898a.
—, **MICHAEL** (Ir. pol.) **6**-20a; **12**-614c; **12**-628b fol.; De Valera **7**-282b; Griffith **10**-891a.
—, **MORTIMER** (au.) **6**-20d.
—, William (paint.) **6**-21c.
—, **WILLIAM** (Eng. poet) **6**-21a; **8**-590a; **16**-702c.
COLLINS, WILLIAM WILkie **6**-21c; **8**-597c; **16**-50b.
—, Ark. [**24**-120 D4].
—, Ga. [**24**-114 D4].
—, Ia. [**24**-138 D3].
—, Ind. [**24**-126 C1].
—, Miss. [**24**-119 C4].
—, Mo. [**24**-140 D4].
—, Mont. [**24**-144 C2].
—, Neb. [**24**-139 C3].
—, N.Y. [**24**-102 B3].
—, O. [**24**-124 C2].
—, Wis. [**24**-133 F5].
—, riv., Tenn. [**24**-117 F2].
— Bay, Ont., Can. [**24**-90 B1].
Collinson, R. **2**-294c fol.
—, Utah [**24**-152 B1].
Collinston, La. [**24**-121 C1].
Collinsville, Ala. [**24**-118 D1].
—, Conn. [**24**-101 C1].
COLLINSVILLE, Ill. [**24**-129 C5]; **6**-21d.
—, Okla. [**24**-143 H2].
Collinwood, O. [**24**-124 D2].
—, Tenn. [**24**-117 D2].
Collioure, Fr. [**24**-27 G5].
Collirene, Ala. [**24**-118 C3].
Collis, Minn. [**24**-135 B6].
—, mt., Queens., Austr. [**24**-169 B3].
— (chem.) **5**-390a fol..
— (elec.) **8**-255d.
— head (torpedo) **22**-301b.
Collision, ships **19**-634a; motors **15**-920a.
Collison, Ill. [**24**-128 E3].
Colliva (It. pol.) **12**-821b.
Cölln, Ger. [**24**-39 J2].
Collo, Alg. [**24**-78 F1].
Colloblast (zool.) **6**-830d.
Collobrières, Fr. [**24**-27 K4].
Collocalia (ornith.): *see* Swift.
COLLODION (chem.) **6**-22a; **5**-100b; Ménard **15**-238c; make-up **15**-865b.
— cotton (chem.) **8**-988c.
— process **17**-801a; **17**-830d.
— silk: *see* Chardonnet.
Collodium stypticum (drug) **21**-795d.
Colloid mill (mech.) **6**-64a.
COLLOIDS (chem.) **6**-22a; **17**-884c fol.; adsorption **1**-183d; amphoteric **3**-593a; dialysis **7**-315b; Graham **10**-602a; silver **23**-44b; stannic acid **22**-235a; textile **9**-213a.
Collomsville, Pa. [**24**-107 D2].
Collon, Calif. [**24**-155 E5].
—, Ire. [**24**-20 E3].
Collonge, Switz. [**24**-30 A4].
Collonges, Fr. [**24**-27 J1].
Collooney, Ire. [**24**-20 C2].
Collop Monday **15**-691a.
Colloq. (abbrev.) **1**-24a.
Colloquialism (lang.) **20**-766c.
Colloquii locus: *see* Parlour.
Colloquy of the Old Men: see *Acallam na Senórach.*
Colloredo, L. J. B. **15**-740d.
COLLOT D'HERBOIS, JEAN Marie (Fr. rev.) **6**-28a.
Collothun **15**-139b.
COLLOTYPE (print.) **6**-28b; colour **6**-69b; music **16**-24d; German **3**-875c.
"Col. Lloyd Aspinwall" (U.S. ship) **2**-223d.
Collozoum (biol.) **18**-633c.
COLLUSION (law) **6**-28d; **7**-455c; *see also* Covin.
COLLUTHUS: *see* Coluthus.
Collyer, Kan. [**24**-142 B2].
Collytus, Athens, map **2**-605a.
Colma, Calif. [**24**-154 B4].
COLMAN, SAINT (Ir. bp.) **6**-28d.
—, St. (Cloyne) **6**-28d; **5**-857b.
—, **GEORGE** (the Elder) **6**-28d.
—, **GEORGE** (the Younger) **6**-29a; **5**-115a.
—, Ronald Pl. VIII. fig. 3 **15**-MOTION PICTURES.
—, **SAMUEL** (paint.) **6**-29b.
—, S. Dak. [**24**-137 H3].
Colmandale, Yorks., Eng.: *see* Commondale.
— Ela, St. (d. 610) **6**-28d.
COLMAR, Fr. [**24**-25 N3]; **6**-29c; **11**-258d; battles **9**-866d; **11**-259a.
—, Ill. [**24**-128 B3].
—, Ky. [**24**-116 G4].
—, Pa. (Montgomery co.) [**24**-107 F3].
—, Pa. (Somerset) [**24**-106 C4].
Colmars, Fr. [**24**-27 K3].
Colmenar, Sp. [**24**-32 D4].
— de Oreja, Sp. [**24**-32 E2].
— Viejo, Sp. [**24**-32 E2].
Colmesneil, Tex. [**24**-123 G4].
Colmi, Hond. [**24**-159 G4].
Coln, riv., Glos. **6**-519d.
"Cöln" (Ger. cruiser) **11**-397b.
Colnbrook, Eng. [**24**-15 C4].
COLNE, Lancs., Eng. [**24**-13 B4; **24**-14 A2 **24**-10 D3]; **6**-29c; **6**-562a.
Colne, riv., Eng. [**24**-15 D4]; **5**-988c.
Colnett, cape, Mex. [**24**-158 A1].
Cöln-Kottweil A. G.: *see* Interessengemeinschaft Farben-Industrie A. G.
Colo, Ia. [**24**-138 D2].
—, riv., N.S.W., Austr. [**24**-171 K4].
Colo. (abbrev.) **1**-24a.
Colobognatha **15**-502d.
Colobus: *see* Guereza.
—caudatus: *see* White-tailed colobus.
Colocasia antiquorum **21**-818c.
— esculenta: *see* Taro.
COLOCYNTH **6**-29d; **6**-845d.
Colocynthin **10**-558c; **6**-29d.
Coloe Palus, lake, Afr.: *see* Tana.
Cologne, Fr. [**24**-26 D4]; **7**-878b.
COLOGNE, Ger. [**24**-38 B3; **24**-8 G3]; **6**-29d; air lines map **1**-463; brass-work **4**-245a; bridge **4**-138b; enamel **8**-417b; painting **14**-268b; pottery **18**-350a.
—: *Cathedral:* **1**-439a; Pl fig. 2 **6**-COLOGNE; Pl. III. fig. 2 **10**-GOTHIC ARCH.; scenes Pl. I. fig. 3 **10**-GERMANY.
—: *History:* **17**-992a; university **22**-866b; **22**-870b; World War **1**-462c; **19**-252b.
—, archbishopric, Neth. map **16**-249d.
Cologne, N.J. [**24**-105 B3].
—, Congress (1673) **12**-1002b.
—, War of (1582) **10**-267d.
— Confederation **11**-163c.
— orphrey Pl. I. fig. 2 **23**-WEAVING.
Cologny, Switz. [**24**-30 A4].
Cololabis (fish) **9**-318a.
Coloma, Carlos **21**-158b.
Coloma, Wis. [**24**-133 D5].
Coloman, the Learned **11**-893a.
Colomb, G. T. (gen.) **6**-31c.
—, Sir John **6**-31d.
—, **PHILIP H.** **6**-31c.
Colomba (Mérimée) **15**-279c.
Colombe (stadium, Paris) Pl. II fig. 3 **21**-STADIUM.
COLOMBES, Fr. **6**-32a.
COLOMBEY, Fr. [**24**-25 L3]; **6**-32a.
—, Switz. [**24**-30 B4].
Colombey-Borny (battle, 1870) **9**-679b.
COLOMBIA, country, S.Am. [**24**-162 C3; **24**-160 B2; **24**-2 H4; **24**-1]; **6**-32a; bananas **9**-883d; Pl. III. fig. 5 **1**-AMERICA; coal **17**-865a; coffee **5**-975b; education **5**-770b; literature **21**-149d; newspapers **16**-359a; oil **17**-662d; pop. **12**-94c; **18**-230d.
—: *History:* Bolivar **3**-809d; arbitration **2**-223a fol.; Brazil **4**-48c; New Granada **16**-296a; Panama **17**-170b; Peru **17**-625c; U.S. **4**-863c.
Colombian Steamship Company **6**-37a.
Colombier, Switz. [**24**-30 B3].
Colombière, Claude de la **19**-800b.
Colombiès, Fr. [**24**-26 F3].
Colombini, G. **12**-741b; **13**-9c.
COLOMBO, Cey. [**24**-64 E8; **24**-3 P4; **24**-56 F8]; **6**-38c; **5**-177c; breakwater **4**-75a fol.; harbour map **11**-178; harbour **11**-178b; Pl. II. figs. 1 and 2 **5**-CEYLON.
—, lake, Cey. **6**-38d.
— to Aden (s.s. route) [**24**-3 P4].
— to Bombay (s.s. route) [**24**-3 P4].
— to Calcutta (s.s. route [**24**-3 P4].
— to Cape Town (s.s. route) [**24**-3 P4].
— to Fremantle (s.s. route) [**24**-3 Q4].
— to Singapore (s.s. route) [**24**-3 P4].
Colome, S. Dak. [**24**-137 E3].
Colón, Cristobal: *see* Columbus, Christopher.
Colon, Jennie **16**-232c.
COLON, Cu. **6**-39c.
COLON (Aspinwall), Pan. [**24**-158 J6; **24**-2 G4]; **6**-39a; **17**-173a.
—, Ga. [**24**-114 D6].
— to Liverpool (s.s. route) [**24**-2 J3].
Colon to New York (s.s. route) [**24**-2 H3].
COLON **6**-39c; anat. il. **7**-381; il. **6**-39; **1**-634b, **12**-542d; **7**-381d; **1**-629c; currency **6**-498b; **19**-905c.
—, Puerto, Bal. Is. **9**-149d.
Colona, Colo. [**24**-147 C3].
—, Ill. [**24**-128 B2].
Colonae, Asia M. **22**-502c.
Colonche, mts., Ec. **7**-935b.
COLONEL **6**-39c; **2**-410a, *see also* Brigadier.
Colonel-in-chief **16**-721b.
Colonel of the children of God (nick.): *see* Laporte.
Coloni (Rom. serfs) **20**-359c.
Colonia, Pal.: *see* Kuloniyeh.
—, Asia M.: *see* Kara-Hissar Sharki.
—, N.J. [**24**-105 B2].
—, S.Am. **2**-327d.
—, Urug. [**24**-165 E3; **24**-161 D6]; **22**-905b.
Colonia Agrippina: *see* Cologne.
— Dona Francisca, Braz.: *see* Dona Francisca.
— Iulia Carthago **4**-947a.
— Iulia Hispellum (anc.), It.: *see* Hispellum.
— Iunonia **4**-947a.
— Julia Philippensis (Rom. colony): *see* Philippi.
— Julia Romula, Sp.: *see* Seville.
Colonial (museum, Wellington, N.Z.) **15**-1002d.
— algae (bot.) **1**-591b.
— conference (Eng.) **6**-230c.
— Courts of Admiralty Act (1890, Eng.) **1**-173b.
— Defence Committee, 1886 (Brit.) **4**-180d fol.
— forces (mil.) **10**-682a.
— Laws Validity Act (1865, Eng.) **21**-346d.
— Marriages Act (1906, Eng.) **3**-192b.
— **OFFICE:** *see* Government Departments.
— Office Conference **2**-805b.
— policy **23**-354a.
— **PREFERENCE:** *see* Imperial Preference.
— slavery **20**-779a.
— Stock Act (1877) **21**-347a.
— **STYLE** (arch.) **6**-39d; chimney il. **5**-504; doorway il. **7**-534; Pl. 1 fig. 2 **21**-STAIR—STAIRCASE.
Colonia Marcia Edessenorum: *see* Edessa, Mesop.
— Marciania Traiana Thamugas, Alg.: *see* Timgad.
— perpetua (law) **6**-430a.
Colonias, N.Mex. [**24**-148 E3].
—, terr., Bol. [**24**-162 D6].
Colonia Triumphalis (monument, Sp.) **21**-820a.
— Victricensis Camalodunum (anc.), Eng.: *see* Colchester.
— Victrix Iulia Nova Carthago: *see* Cartagena, Sp.
COLONNA (Rom. fam.) **6**-40a; palace **19**-402d; **19**-516b.
—, Otto: *see* Martin V. (pope).
—, Sciarra **16**-479d.
—, Stephen **19**-303a.
—, **VITTORIA** (It. poet) **6**-40b; **15**-414d.
—, cape, Gr.: *see* Sunium.
COLONNADE (arch.) **6**-40c; *see also* Peristyle, Portico.
"Colonna Madonna" (paint., Raphael) **18**-982d.
COLONNE, EDOUARD **6**-40d.
—, Guido delle **22**-505b.
—, cape, It. [**24**-35 F5].
Colono, Kan. [**24**-142 C2].
Colons, Les (Randau) **9**-755d.
COLONSAY, isl., Scot.: *see* Hebrides; *see also* [**24**-18 B5].
Colonus, Gr. **16**-709d.
— (Rom. class) **20**-778b.
— facies (geol.) **20**-679b.
Colony, Kan. [**24**-142 G3].
—, Nev. [**24**-153 A4].
—, Wyo. [**24**-146 H1].
COLONY (settlement) **6**-40d; crusades **6**-793d; sovereignty **21**-99a.
— (bac.) **2**-902c.
— Committee on Taxation (Eng.) **21**-839c.
Colophane (tree) **15**-108b.
Colophene (chem.) **21**-954b.
COLOPHON, Asia M. **6**-42a; **12**-573d.
COLOPHON (book) **6**-42a; **3**-869d; (print.) il. **5**-80b.
Colophonite (gem.) **10**-29c.
COLOPHONY (resin): *see* Rosin.
COLOQUINTIDA (plant): *see* Colocynth.
Coloquio de los perros (Cervantes) **5**-163d.
Colora, Md. [**24**-109 C1].
COLORADO, state, U.S. [**24**-147; **24**-94 E3]; **6**-42b; Alfalfa **14**-459d; capitol il. **7**-225; coal **5**-904; **5**-906a; geology **22**-718d; Government **17**-408b; lead **13**-818b; oil **17**-664a; sugar **3**-316d.
—, co., Tex. [**24**-123 F5].
—, Ill. [**24**-129 D6].
—, Tex. [**24**-122 D3].
—, lake, Arg. **5**-22c.
—, plat., Colo. **6**-42b; **22**-719d; **2**-359d.
—, riv., C.R. **6**-497b.
—, riv., Tex. [**24**-123 E4; **24**-189 G5].
"Colorado" (ship) **3**-223a; Pl. fig. 1 **3**-BATTLESHIP.
Colorado and Southern (R.R., U.S.) **6**-47a.
— Chiquito, riv., Ariz.: *see* Little Colorado.
— City, Colo. **6**-47d.
— College **6**-46a.
— **DESERT,** Calif. [**24**-155 E5; **24**-188 C4]; **6**-48d; **6**-50a; **12**-123c.
— **NATIONAL MONUMENT,** Colo. [**24**-147 B3]; **6**-49a; **10**-634d.
— Parnassian Pl. II. fig. 6 **13**-LEPIDOPTERA.
— **POTATO BEETLE** **6**-49a; **6**-7b; **4**-343d; **8**-622b.
— **RIVER,** Arg. [**24**-161 C6; **24**-165 C4; **24**-191 C6]; **6**-49c; **4**-338d.
— **RIVER,** U.S. and Mex. [**24**-147 C2; **24**-155 F6; **24**-152 D5; **24**-149 B3; **24**-153 F7; **24**-158 A1; **24**-188 D4; **24**-2 F3]; **6**-49c.
— river compact (1922—, U.S.) **6**-50c; **2**-360d.
COLORADOS (tribe) **6**-50c; **3**-94c.
—, reefs, Cu. [**24**-157 B2].
— (pol. party) **22**-906d.
Colorado series (geol.) **6**-674a; **22**-726c.
COLORADO SPRINGS, Colo. [**24**-147 F3]; **6**-50d; **6**-45d.
Colorado Teachers College (Greeley) **6**-46a; **10**-851c.
— **TO GULF HIGHWAY,** U.S. **6**-51a; map **11**-552.
COLORATURA (mus.) **6**-51b.
Colorax **19**-54a.
Colored Folk theatre (Chicago, Ill.): *see* Ethiopian Art theatre.
COLORIMETER **6**-51b.; fig. 4 **15**-MICROSCOPE; **5**-403d.
COLOSSAE, Asia M. **6**-51b.
COLOSSAL CAVERN, cave, Ky. **6**-51b; **13**-332b.
— **ORDER:** *see* Giant Order.
Colosse, Pierre **23**-807c.
—, N.Y. [**24**-103 D2].
COLOSSEUM, bldg., Rome **6**-51c; **1**-847a; il. **1**-848; **19**-471d.
COLOSSIANS, EPISTLE TO The **6**-51c.
COLOSSUS **6**-52c; Egyptian **8**-47c; **8**-73a; Memnon Pl. II. fig. 8 **8**-EGYPT; of Rhodes **2**-111c; **19**-261d.
Colostre, riv., Fr. [**24**-27 K4].
Colotlan, Mex. [**24**-158 D3].
Colouitt, co., Ga. [**24**-114 C5].
Colour (Ger. mil.) **2**-402a.
COLOUR (phys.) **6**-52c; **6**-51b; **14**-63d; **21**-183d; advertising **1**-204d; aesthetics **1**-272c; dyes **7**-798d; fine arts **2**-444b fol.; **16**-742b; Pl. **16**-OIL PAINTING, TECHNIQUE OF; gems **10**-94a; Goethe **1**-272a; Helmoltz **18**-713c; Hering **11**-501a; filters **9**-239b; **17**-795c; **17**-844b; microscopy **15**-445a; optics **14**-109b fol.; fig. 15 **23**-207; perception **23**-212c; **23**-217c; **18**-170d; physiol. **23**-207c; pigment **17**-65c; **17**-923a; pottery **18**-339d; psych. **1**-205a; sensations **23**-206b; sense **1**-273a; stage design **21**-288c fol.; port. sculp. **20**-208c; sky **20**-763b.
Colourable imitation **6**-416a.
COLOUR AND RACE **6**-57c.
— audition: *see* Coloured Hearing.
— band **11**-966b.
— -**BLINDNESS** **6**-61a; **1**-740a; **6**-995a; **23**-204b fol.; heredity **11**-493b; tests **23**-210d.
— -brightness (astron.) **21**-377d.
— change **11**-984d fol.
Coloured fire **9**-282c.

COLOURED HEARING 6-61c.
— lights (signalling) 14-92d
— Methodist Episcopal Church 15-360b.
— motion pictures 15-857b.
Colour embossing 8-386d.
— engraving 17-795c; Pl. II. 17-PHOTO ENGRAVING.
— game 20-727d fol.
— **IN ARCHITECTURE** 6-61c.
— **INDEX** (astron.) 6-63c; 17-836c; 17-847b; stars 21-320a.
— **IN FLOWERS:** *see* Anthocyanins; Anthoxanthins.
COLOURING MATTERS: *see* Dyes, Natural, and Dyes, Synthetic.
Colour inhibitors 11-489d.
— **MEASUREMENT** 6-63c.
— **MILL** 6-63d.
— -mixture 23-218b.
— **-MUSIC** 6-64b.
— organ 6-64d fol.
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— eel (fish) **1**-941c; **8**-22c; *see also* Congo eel.
Congers, N.Y. [**24**-102 G4].
Congerville, Ill. [**24**-128 C3].
Conger vulgaris (fish): *see* Conger eel.
Congested Districts Board (Ire.) **12**-613d; **2**-973a.
Congestion (physiol.) intestine **7**-382b; lungs **18**-100c.
Congestum Arnonis (Arno and Benedict): *see* Indiculus.
Congiopodidae **9**-323b fol.
Congiopus **9**-323d.
CONGLETON, HENRY Brooke Parnell, 1st baron (Eng. pol.) **6**-240a.
CONGLETON, Ches., Eng. [**24**-16 D1; **24**-14 A2]; **6**-240a; **5**-423d; pop. **5**-424b.
Congleton points (lace) **6**-240b.
Con gli occhi chiusi (nov., Tozzi) **22**-338c.
CONGLOMERATE (geol.) **6**-240b; **20**-271a.
Congo, Etat Indépendent du: *see* Congo Free State.
Congo, dist., Ang. [**24**-82 C4].
—, O. [**24**-125 C4].
—, W.Va. [**24**-111 C1].
CONGO, riv., Af. [**24**-185 E6; **24**-1; **24**-3 N4]; **6**-240c; **3**-343c; Berlin Conference **6**-243c; Cam's discovery **4**-636a; exploration **6**-242c; fishes **7**-434b; mouth discovered **1**-319d; Nile, compared with **1**-294a; Stanley's expl. **1**-322a; source **15**-404a.
—, International Association of the **3**-362b.
Congo (Lindsay) **1**-793a.
Congo and the founding of its Free State, The (Stanley) **21**-315d.
Congo Basin, dist., N.Rhod. **19**-262d.
— coffee (plant) **5**-972d.
Congo copal (resin) **19**-211d.
Congo eel (fish) **1**-837a.
Congo forest, C.Af. **3**-344b.
CONGO FREE STATE (Af.) **6**-243a; Belg. control **1**-325a; **6**-244c; chief, royal attire il. **1**-325; commission of enquiry **6**-245a; formation **1**-323d; **3**-362b; Stanley expedition **21**-315c; *see also* Belgian Congo.
Congogy, mts., Braz. [**24**-164 B4].
Congo-Kasai, prov., Bel. Cong. [**24**-82 C3].
Congo Mask Pl. III. fig. 5 **15**-MASKS.
Congonhas de Sabará, Braz. **15**-522c.
— do Campo, Braz. **15**-522c.
Congo-Nile divide **3**-343d.
Congo pygmies **22**-663b.
— red **7**-790d fol.; **7**-806c.
— Star (order) **13**-436d.
Congregatio de propaganda fide (rel. body) **17**-216a; missions **15**-596a.
CONGREGATION (rel. assembly) **6**-246b; Benedictine **3**-399b; R. C. Church **19**-406d; secular **15**-689a.
— (Fr. cler. society) **9**-645d.
—, Lords of (Scot. Prot.) **20**-162d fol.
—, Roman (eccl.): *see* Roman Congregation.
CONGREGATIONALISM (rel. sect) **6**-246c; Brit. Emp. **6**-250d fol.; **8**-466a; Browne **4**-269a; deacon **7**-96a; Holl. exile **6**-248b; Japan **12**-928d; Massachusetts Bay Colony **3**-935d fol.; Methodists **4**-635a; new confession **6**-662c; N.Y.C. **16**-387c; pension fund **17**-493b; T. Wise **1**-785c; S.Af. **21**-50b; U.S. **19**-872b; Welsh coll. **4**-82b.
Congregationalism of the Last Three Hundred Years, The (H. M. Dexter) **7**-300a.
Congregationalist, The (Am. publ.) **11**-226d.
Congregational Methodist (rel.) **15**-358a fol.
— pope of New England (nick.): *see* Bacon, Leonard.
— Union of England and Wales **6**-250a fol.
Congregational Union of Scotland **8**-896d.
Congregation for Propagation of the Faith **3**-537d.
— of Priests of the Mission (rel. order): *see* Lazarites.
— of Rites (rel.) **5**-313d.
— of the Index (Rom. Cath.) **12**-148d.
— of the Lord (Scot. Prot. league) **20**-162d.
— of the Most Holy Redeemer (sect): *see* Redemptorists.
— of the University of Oxford **6**-246b.
Congresbury, Eng. [**24**-17 D3].
Congrès International d'Horticulture **11**-774b.
CONGRESS (dipl.) **6**-253c.
Congress, O. [**24**-124 C3].
— (U.S.) **6**-314d; debate rules **17**-328c; journal **13**-157b; constitution **6**-319d; payment of members **17**-408b.
"Congress" (warship, 1812) **23**-359c.
"Congress" (ship, 1861) **15**-723a.
Congress, Colonial **1**-797d.
—, Continental (Am.) **15**-486b; **22**-783b fol.
—, Horticultural **11**-778a.
—, Library of (U.S.) **6**-418d; **14**-23c; **1**-153d; **23**-392d.
— Heights, D.C. map **24**-108.
Congressional cemetery, (Wash., D. C.) **23**-393c.
— Enabling Act (1802, U.S.) **16**-734d.
— Party (Chil.) **5**-499a.
— Union (Women's suffrage) **23**-712d.
Congressite (min.) **17**-674c.
Congress Junction, Ariz. [**24**-149 C4].
— Kingdom (Pol.) **18**-145d.
— Lake, O. [**24**-124 D3].
Congressman-at-large **2**-144d.
Congress of Berlin **4**-378c.
— of Soviets (U.S.S.R.) **21**-100d.
— of the Oppressed Nationalities of Austria-Hungary (Rome, 1918) **20**-350c.
CONGREVE, RICHARD (Brit. philos.) **6**-254c.
—, **SIR WILLIAM**, bart. (Brit. inv.) **6**-254c; armour plate **2**-389a; friction matches **15**-45d; perpetual motion **17**-541b; rockets **6**-254d; **19**-366d; water-marking **23**-424b.
—, Sir William (Brit. of.) **6**-254c.
—, **WILLIAM** (Eng. writ.) **6**-255a; **7**-602b fol.; odes **16**-702b; Bracegirdle **3**-999a.
Congridae (fish fam.) **9**-317c.
Congrogadidae **9**-322c.
CONGRUENCE (math.) **6**-256c; triangles **22**-460b.
Congruism (rel.) **21**-490b.
CONGRUOUS **6**-256d.
Congulton, Ches., Eng.: *see* Congleton.
Coni (battle, 1641) **22**-584b.
C. O. N. I. (It. society): *see* Confederazione Olimpica Nazionale Italiana.
Coniacian strata (geol.) **6**-672; 673.
CONIBOS (tribe) **6**-257a; **17**-187d.
Conical buoy (naut.) **4**-394d.
— -disc clutch **5**-864a.
Conica Loxodrome (math.): *see* Cylindro-conical helix.
Conical projection (cartography) **14**-847d fol.; perspective **17**-616c fol.
CONICAL REFRACTION: *see* Light: *see also* **14**-74d.
Conic invariant **18**-576a.
Conics (geom., Apollonius of Perga) **2**-112b.
Conics (Euclid) **8**-802d.
CONIC SECTION (math.) **6**-257a; **6**-224c; **10**-175c; MacLaurin **14**-593b; polynomials **18**-191d; projective geom. **18**-573c; quadratic equation **1**-869b.
CONIC SURFACE: *see* Cone.
Conie, riv., Fr. [**24**-24 G3].
Conidia (bot.) **9**-925d.
Conidiophore **9**-925d fol.
Conifer, Colo. [**24**-147 E2].
—, Pa. [**24**-106 B2].
Conifer (tree fam.) **9**-501c; cypress **6**-930a; fungus **9**-926d; Kauri pine **13**-298c; pests **8**-623b; sequoia **20**-339b.
Conifer (tree) timber **22**-217a; yew **23**-889c; *see also* Cedar.
Coniferin (chem.) **22**-978a.
Coniferous forests **17**-859b; **19**-690a: *see also* Softwood forests.
CONIFERS or **CONIFERales**: *see* Gymnosperms; *also* **11**-26b; **13**-194b; **17**-80c.
CONIINE **6**-259c; **5**-389a.
Conilurus (rodent) **19**-374b.
Conimbriga, anc. city, Port.: *see* Condeixa.
Conimicut, R.I. [**24**-100 C3].
Coninck, Philip de (Du. paint.): *see* Koninck.
Coningbeg, isl., Ire. [**24**-21 E4].
Coningmore, isl., Ire. **23**-551b.
Coningsby, Eng. [**24**-14 C2].
Coningsby (Disraeli) **3**-248a.
CONINGTON, JOHN **6**-259c.
CONINXLOO, GILLIS VAN (Flem. paint.) **6**-259d.
Coniocarpineae **14**-33b.
Coniophora cerebella (fungus) **7**-694a.
Coniopterygidae (insect fam.): *see* Mealywing.
Conisbrough, Yorks., Eng. [**24**-13 C4; **24**-14 B2]; castle **7**-526c.
Conister rocks, reef, I. of M. **7**-555b.
Coniston, Lancs., Eng. [**24**-13 A3; **24**-10 C2].
—, Ont., Can. **21**-514c.
Coniston, lake, Eng. [**24**-10 C2]; **13**-601c.
— grits **20**-680c.
Coniulo, Giovanni (pope): *see* Gelasius II.
Conium maculatum (herb): *see* Hemlock.
Coniveall, mt., Scot. **21**-624a.
Conj. (abbrev.) **1**-24a.
CONJEEVERAM, Madras, India [**24**-67 C4]; **6**-260a.
CONJUGAL RIGHTS: *see* Divorce.
Conjugatae (plants) **1**-594d.
Conjugate (math.) **10**-913c; diameters **7**-315d; **8**-370b; differential geom. **7**-367b; numbers **6**-181a; **16**-603a.
Conjugated compound: *see* Copulated compound.
Conjugation (bot.) **1**-594d.
— (chem.) **10**-207c.
— (gram.): Caspian lang. **4**-968d; Fr. lang. **9**-763c; Greek (modern) **10**-827b; Romance lang. **19**-430b; Spanish **21**-153d.
CONJUNCTION (astron.) **6**-260a.
— (gram.) **6**-260b; Heb. lang. **11**-355b.
Conjunctiva **9**-10c fol.
Conjunctivitis (disease) **9**-10d; **14**-83b.
Conjuración de Venecia, La (De La Rosa) **14**-990b.
Conjuration de Fiesque (Retz) **19**-233b.
CONJURING (magic) **6**-260b.
Conklin, C. Fred **3**-570b.
—, **EDWIN GRANT** (Am. biol.) **6**-264c.
—, Mich. [**24**-131 F6].
Conkling, Alfred **6**-264c.
—, **ROSCOE** **6**-264c.
Conkling Park, Ida. [**24**-145 B2].
Conklingville, N.Y. [**24**-103 G2].
Conks (Negroes): *see* Conches.
Conlen, Tex. [**24**-122 C1].
Conley's, N.S.W., Austr. [**24**-171 H4].
Conlie, Fr. [**24**-24 E3].
Conliège, Fr. [**24**-27 J1; **24**-25 L5].
Conlin, Bernard (Am. act.): *see* Florence, William J.
Conlogue, Ill. [**24**-129 E4].
Conmaigre, bay, Nfd. [**24**-93 C3].
Conn, George **5**-267d; **11**-427d.
Conn. (abbrev.) **1**-24a.
CONN LOUGH, lake, Ire. [**24**-20 B2; **24**-177 B4]; **6**-264d.
Connacht (king) **12**-600a.
—, div., anc. Ire. **12**-598c.
Connachta, prov., Ire.: *see* Connaught.
Connacht-Tara dynasty **12**-599d.
Connah's Quay, Flint, Wales **9**-381c.
Connaissance de l'Est (Claudel) **5**-779a.
Connaissance des temps **8**-639b.
Connate leaf **13**-827c.
Connaught, Arthur, prince of **6**-265a.
CONNAUGHT, ARTHUR W. P. A., duke of **6**-265a.
—, Walter de Burgh, lord of: *see* Ulster, Walter de Burgh, earl of.
—, William de Burgh, 6th lord of: *see* Ulster, William de Burgh, 3rd earl of.
CONNAUGHT, prov., Ire. [**24**-20 B3], **6**-265b; **4**-401b; **5**-756d; **12**-596b.
Connaught, Annals of (history) **12**-642d.
CONNAUGHT TUNNEL (Can.) **6**-265c; **22**-566d.
Conne, riv., Nfd. [**24**-93 C3].
Conneau (sol.) **14**-930d.
CONNEAUT, O. [**24**-124 E2]; **6**-265c; **8**-686b.
—, cr., Pa. [**24**-106 A2].
— Harbor, O. [**24**-124 E2].
— Lake, Pa. [**24**-106 A2].
Conneautville, Pa. [**24**-106 A2].
CONNECTICUT, state, U. S. [**24**-101; **24**-95 M2]; **6**-265c; **3**-922a; **22**-262c; **22**-774d; **14**-266b; **15**-700a; Blue Laws **7**-877d; charities **7**-102d; daylight saving **7**-93d; education **6**-266d, **16**-277a; College for Women **23**-703d; **16**-314a; govt. **6**-270d; **17**-408b; history **6**-268d; industry and commerce **6**-267d; Negroes **16**-195c; prohibition **18**-567b.
CONNECTICUT, riv., U.S. [**24**-101 D2; **24**-97 B3; **24**-187 H4]; **6**-271c; Pl. figs. 2, 3 **6**-CONNECTICUT; **23**-83a.
—, lake, N.H. [**24**-97 C1].
— chest Pl. IX. fig. 4 **12**-INTERIOR DECORATION.
— compromise **8**-375c; **22**-790d.
Connecticut Courant, The (news.): see *Hartford Courant, The.*
Connecticut experiment station **6**-267b.
— hall (Yale) **23**-875d.
— Valley Historical Society **21**-265b.
— Valley Tobacco Association **6**-267c.
Connecticut Yankee in King Arthur's Court, A (Mark Twain) **22**-635d.
CONNECTING-ROD **6**-272a; fig. 1 **6**-271; Pl. I. fig. 1-Q **18**-POWER TRANSMISSION; Pl. IV. figs. 1 and 3 **1**-AERO ENGINE; automobile engine fig. 1 **15**-881; fig. 4 **15**-883; **15**-883a; duralumin **7**-750d.
Connections (psych.) **12**-457c.
Connective (bot.) **9**-413d.
Connective tissue cell: *see* Fibroblast.
CONNECTIVE TISSUES **6**-272b; **11**-591c fol.; **12**-344d; **22**-545a.
Connectivity (math.) **14**-805a; **20**-942d.
Connel, falls, Scot. **2**-338d.
Connell, Wash. [**24**-150 G4].
CONNELLITE **6**-275b.
CONNELLSVILLE, Pa. [**24**-106 B3]; **6**-275b.
—, Mo. [**24**-140 E1].
CONNEMARA, dist., Ire. [**24**-20 B3]; **6**-275c; **9**-994c.
—, Austr. [**24**-169 B3].
— marble **20**-372a.
Conner, Mont. [**24**-144 A3].
Connerre, Fr. [**24**-24 F3].
Conners, S.C. [**24**-113 D3].
CONNERSVILLE, Ind. [**24**-127 C3]; **6**-275c.
—, Okla. [**24**-143 G4]].
—, Wis. [**24**-132 A4].
"Connestabile Madonna" (Raphael) **18**-982a.
Connétablie et maréchaussée de France (court) **6**-294c.
Connett (sci.) **8**-297b.
Connivance **7**-455b.
Connivent calyx **9**-411b.
Connochaetes gnu: *see* Gnu.
Connoire, bay, Nfd. [**24**-93 B3].
Connoisseur, The (period.) **6**-28d; **17**-514b.
Connok, prov., Ire.: *see* Connaught.
CONNOLLY, JAMES **6**-275c; **12**-614a; **21**-707d.
Connolly, John **14**-434d.
Connoquenessing, Pa. [**24**-106 A3].
—, cr., Pa. [**24**-106 A3].
Connor, Ralph: *see* Gordon, Charles W.
Connor, Ark. [**24**-120 B1].
—, Utah [**24**-152 B1].
—, mts., Austr. [**24**-169 C3].
Connor, Ire. battle (1315) **12**-603d.
Connors, Me. [**24**-96 D1].
—, N.B., Can. [**24**-88 A1].
—, Que., Can. [**24**-89 D2].
CONNOTATION **6**-275d; **21**-948b.
Conococheaque, cr., Pa. [**24**-106 D4].
CONOID (math.) **6**-275d; Archimedes **6**-237c; **2**-270a.
CONOLLY, JOHN **6**-276a.
Conomo, Mass. [**24**-99 D1].
CONON (Ath. gen.) **6**-276b; **4**-614b; **17**-455a.
CONON (astron.) **6**-276c.
CONON (gram.) **6**-276b.
—, riv., Scot. **19**-563a.
Cononbie, Scot. [**24**-12 B2].
Conopodium denudatum: *see* Earth-nut.
Conoryctes (fossil) **7**-950d.
Conoryctidae **10**-17d.
Conotrachelus nenuphar: *see* Plum curculio.
Conotton, O. [**24**-124 D3].
—, cr., O. [**24**-124 D3].
Conover, Ia. [**24**-138 F1].
—, O. [**24**-125 A3].
—, Wis. [**24**-132 D3].
Conowingo, Md. [**24**-109 C1].
Conplantation **10**-600c.
Conquain: *see* Coon-can.
Conque, La (review) **14**-438c.
Conquereuil (battle) **1**-976b.
Conquering Hero, The (Monkhouse) **7**-610b.
Conqueror **6**-276d.
Conques, Aude, Fr. [**24**-26 F4].
—, Aveyron, Fr. [**24**-26 F3].
Conquest, Kan. [**24**-142 A3].
CONQUEST **6**-276c.
— (law) **12**-527c; Scot. **12**-355b.
"Conquest" (cruiser) **23**-784a.
Conquest of Granada, The (Dryden) **7**-687a; **8**-588c.
Conquest of Ireland **1**-945d.
Conquest of Peru (Prescott) **18**-449d.
Conquest of the Great Northwest (Laut) **4**-715c.
Conquête de Constantinople (Villehardouin) **9**-782b.
Conquian: *see* Coon-can.
Conquinine: *see* Quinidine.
Conquista, Braz. [**24**-164 B3].
CONRAD (name) **6**-276d.
CONRAD I. (Ger. k.) **6**-277a; **10**-257b.
CONRAD II. (Ger. emp.) **6**-277a; **9**-684d; **10**-258d; **12**-790c.
CONRAD III. (Ger. k.) **6**-277b; **6**-783a; **10**-259c fol.; **11**-628c; **19**-436c; **19**-514d; **9**-710d.
CONRAD IV. (Ger. k.) **6**-277d; **9**-712d fol.; **12**-371b; **6**-791b; **6**-796; **10**-262a.
— (of Bibra) **10**-923d.
— (of Halberstadt) **6**-204d.
— (of Hochstaden) **6**-30b.
— (of Hohenstaufen) **9**-684d.
CONRAD (the Red) (of Lorraine) **6**-278a; **10**-258a; **9**-684d; **16**-965a.
— (duke of Masovia) **18**-134d; **23**-373a.
— (of Meissen) **15**-217c.
— (of Montferrat) **6**-785a; **6**-796.
— I. (of Wettin) **23**-551a.
— (Ger. gen.) **4**-816d fol.
—, Hermann (schol.) Shakespeare's sonnets **20**-445c.
—, J. (Ger. ed.) **8**-431a.
—, **JOSEPH** (nov.) **6**-278b; **6**-634a; **8**-599b.
—, Robert T. (dram.) **7**-612a.
—, V. (sci.) **7**-838a.
— **OF MARBURG** **6**-279c; **12**-378c.
— **OF WURZBURG** (poet) **6**-279c; **10**-220d; *Buch von Troye* **22**-505b.
— of Zähringen Arles, Kingdom of **2**-373a.
— **THE YOUNGER**: *see* Conradin.
— **VON HOTZENDORF, F.** **6**-279d; **2**-533b; **8**-866a.
—, Ark. [**24**-120 C4].
—, Colo. [**24**-147 E3].
—, Ia. [**24**-138 E2].
—, Ind. [**24**-126 A1].
—, Minn. [**24**-134 C3].
—, Mont. [**24**-144 C1].
—, Pa. [**24**-106 D2].
Conrade (potters) **18**-347c.
Conradi, H. (au.) **10**-228d.
CONRADIN (CONRAD THE Younger) **6**-279b; **6**-791c; **6**-796; at Tagliacozzo **5**-279c.
— (prince) **12**-371b; **14**-796c.
Conradines (fam.) **2**-837c.
CONRADY, AUGUST **6**-280b.
Conran, Mo. [**24**-141 H5].

Conran, cape, Austr. [24-171 J6].
CONRART (CONRARD), Valentin 6-280b; 7-261d.
Conrath, Wis. [24-132 B4].
Conroe, Tex. [24-123 G4].
Conroy, Sir John 4-677c.
—, Wyo. [24-146 B4].
Cons, Ellen (phil.) 6-280c.
—, **EMMA** (phil.) 6-280b.
CONSALVI, ERCOLE (card.) 6-280c; 19-415d.
Consanguinity 12-384c.
— (geol.): *see* Petrographical provinces.
— **(KINDEED)** (law) 6-281a; 12-129c; Islamic law 12-236b fol.
CONSCIENCE, HENDRIK (writ.) 6-281b; 3-347a; 7-775c.
—, Pierre (offi.) 6-281b.
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— (psych.) 5-243b; ethics 17-762a; 8-760b fol.
— (rel.) 20-702b; 6-163a.
— clause (law) 6-282a.
— money 6-282a.
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CONSCIENTIOUS OBJECTor 6-282b; 5-743d.
Conscious experience 8-348d.
Conscious Lovers, The (Steele) 21-368a.
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— (physiol.) 6-282c; coma 6-87a.
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Consecon, Can. [24-90 D3].
CONSECRATION 6-286a; 6-286c; Bishops 3-656c; 3-657a; *see also* Eucharist.
Consecutive sentence 20-330d.
Conseguina, mt., C.Am. 9-450c.
Conseil départemental (educ.) 7-997d; supérieur 7-997c.
— **DE FAMILLE** 6-286d.
— d'en haut 9-769c.
— de préfecture 9-773b.
— des dépêches 9-769c.
— d'état 9-586b; 5-747b; 9-773a; 9-774d; 18-528b.
— d'Etat (Switz.) 16-254c;
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— (abbey, Sax.) 23-226a.
CORVIDAE: *see* Crow; Jay; Magpie.
Corvientes, riv., Ec. 7-936d.
Corvi Marini, Azores: *see* Corvo.
Corvina oscula: *see* Sheepshead.
CORVINUS, JANOS (JOHN) 6-481d.
—, Matthias (k. of Hung.): *see* Matthias I., Hunyadi (k. of Hung.).
—, Matthais (of Bohem.) Silesia 20-652d.
Corvius umbrinus 18-998a.
Corvo, Azores 2-830a.
—, isl., Azores 2-829d; Flores 9-394b.
CORVUS, MARCUS VALERius (Rom. gen.) 6-482a.
Corvus (bird): *see* Crow.
— (astron.) 6-313d; 21-323b; Pl. II. 21-STAR.
— brachyrhynchos: *see* American crow.
— corax (bird): *see* Raven.
— cornix: *see* Hooded crow.
— corone: *see* Carrion crow.
— dauuricus: *see* Jackdaw.
— frugilegus: *see* Rook.
— monedula: *see* Jackdaw.
— neglectus: *see* Jackdaw.
— ossifragus: *see* Fish crow.
— pastinator (bird) 19-535c.
— splendens (in ornithology): *see* Indian house crow; 6-757d.
Corvuso, Minn. [24-135 D7].
CORWEN, Merioneth, Wales [24-16 C2]; 6-482a; 1096-1296 15-281a.
Corwin, Matthias 6-482a.
—, **THOMAS** (Am. states.) 6-482a; 1-152b.
Corwin, Kan. [24-142 D4].
— Coal Mine, Alsk. [24-156 G2].
— Springs, Mont. [24-144 C3].
Corwith, Ia. [24-138 D2].
Cory, Giles 22-312c.
—, **WILLIAM JOHNSON** (educ.) 6-482b; 13-756c.
Cory, Ind. [24-127 A3].
Coryate, George (Eng. cler.) 6-482b.
—, **THOMAS** (Eng. trav. and writ.) 6-482b; 6-367b.
CORYBANTES (myth.) 6-482c; 10-733b.
Corycian cave (Gr.) 7-174a; 17-333b.
Corycus, anc. town, Asia: *see* Korghoz.
—, cape, anc. name: *see* Grabusa, cape.
—, mt., Asia M. 12-573d.
Corydalis (insect) 7-466a; 1-550a; *see also* Dobson-fly.
Corydalis pulchrum Pl. II. fig. 18 17-PALAEOBOTANY.
Corydalis tuberosa (plant) 9-915c.
Corydallus, anc. Attica map 2-659.
Corydon, John Joseph (spy) 9-160d.
Corydon, co., Ia. [24-138 D4].
CORYDON, Ind. [24-127 B4]; 6-482d.
—, Ky. [24-116 C3].
—, Pa. [24-106 C2].
Corydon Erimantheo: *see* Correa Garção, Pedro A. J.
Coryell, co., Tex. [24-123 F4].
—, Mich. [24-130 G4].
Corylhaenidae (fish fam.) 9-321a.
Corylus americana (shrub): *see* American hazel.
— avellana (bot.) filbert 9-233b; *see* Old World hazel.
— californica (shrub): *see* California hazel.
— Colurna (tree): *see* Constantinople hazel.
— heterophylla 11-290d.
— maxima filbert 9-233b.
— purpurea (tree) 11-290d.
— rostrata (shrub): *see* Beaked hazel.
Corymb (bot.) flower 9-408c.
Corymbaeus (pseud.): *see* Brathwait, Richard.
Corymorpha (marine animal) 7-131b; fig. 5 7-132.
Coryndon, Sir Robert (Brit. states.) 13-345b; 22-666d.
Coryne, colony of (zool.) fig. 4 5-964.
Corynomma (marine animal): *see* Consuta.
Corypha (bot.) 14-344d.
— australis (bot.) 9-215a.
— Gebagan (tree) 19-814d.
— umbraculifera: *see* Cabbage palm.
— umbraculifera: *see* Latanier.
Coryphaena (fish fam.): *see* Dolphin.
Coryphasium, headland, Gr.: *see* Pylos.
Coryphodon (palaeon.) 22-700c; 1-740b; 8-632b; 8-634d; il. 15-715.
Coryville, Pa. [24-106 C2].
Coryvreckan, gulf, Scot. [24-19 C5].
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COS (STANKO), isl., Aeg. S. [24-55 E4]; 6-482d; 15-198a; 20-665a; *see also* Dodecanese.
—, gulf of, Asia M. 4-861a.
— (battle, 256 B.C.) 14-572a; II. 18-782c.
Cosa, Juan de la (expl.) 14-842b.
COSA, It. 6-483b; 19-483a.
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—, Tenn. [24-117 H2].
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Coscile, riv., It.: *see* Sybaris.
Coscinodiscus (marine organism) fig. 1 17-1002.
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Coseguina, volcano, Nic. [24-159 G5].
COSENZ, ENRICO (It. sol.) 6-483c.
Cosenza, dept., It. [24-35 F5]; 6-483c.
COSENZA, It. [24-35 F5]; 6-483c.
Co-set (math.) 10-913b.
Cosettes (sugar mfr.) 21-526c.
Cosgrave, Thomas (Ir. pol.) 6-483d.
—, **WILLIAM THOMAS** (Ir. pol.) 6-483d; 12-628c fol.
Cosgrave, Nev. [24-153 B2].
Cosham, Eng. [24-15 B5].
Coshocton, co., O. [24-124 D3].
COSHOCTON, O. [24-124 D3]; 6-484c.
Cosi è se vi pare (play, Pirandello) 17-950d.
Cosi fan tutte (opera, Mozart) 15-943a; 16-803c.
Cosimo 7-523c.
— II. (of Tuscany) 15-192d.
— III. (of Tuscany) 15-193d.
— (the Elder) 14-17c.
— dei Migliorati: *see* Innocent VII. (pope).
COSIN, JOHN (cler.) 6-484c.
Cosine (math.) 11-5c.
—, direction (math.): *see* Direction cosine.
— law (optics) 16-821d fol.; (photometry) 17-840b.
Cosington arms fig. 5 11-465.
Cos lettuce (bot.) 13-972a.
Coslin, Ger.: *see* Köslin.
Cosmarium (plant) 1-594d.
COSMAS (OF ALEXANdria) (Gr. trav.) 6-484d; 14-839c; 10-843c.
— (of Jerusalem) 10-842c.
COSMAS (OF PRAGUE) 6-485a; 6-952a.
COSMATI (It. fam.) 6-485a.
—, Adeodato (art.) 6-485a.
—, Cosimo (art.) 6-485a.
—, Giovanni (art.) 6-485a.
—, Jacopo (art., 1210) 6-485a.
—, Jacopo (art., 1231-1293) 6-485a.
—, Lorenzo (art.) 6-485a.
—, Luca (art.) 6-485a.
Cosmati work (arch.) 20-426b; 1-740d; 15-835d.
Cosmetic (med.) 2-789c.
COSMETICS 6-485b; ambergris 1-739b; ingredients 6-486c; United States 6-487a; 3-281c; *see also* Face Creams.
COSMIC (phys.) 6-488b.
— connectedness (philos.) 14-308c.
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— radiation (phys.) corpuscular 18-884a; electromagnetic 18-879a.
— Serpent (myth.) 20-369d.
COSMOGONY 6-488b; Arrhenius' theories 2-432c; atomic weights 2-651b; Vedantic view 6-160c.
Cosmographiae introductio (Waldseemüller) il. 1-747.
Cosmographia universalis (Münster) 15-967a.
Cosmoledo, isls., Ind. O. Seychelles 20-422a.
COSMOLOGY (philos.) 6-493a; anc. study 17-759b; Basilidians 1-62b; Chinese 6-236a; Democritus 7-187d; Descartes 7-250a; Duns Scotus 7-744d; Einstein's theory 19-98b fol.; Greek 22-64a; Parmenides 17-331c; Plato 18-59d; Rig-Veda 12-248c; Wolff 18-992d; (astron.): *see also* Cosmogony.
Cosmophyllum (zool.) 7-290.
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COSMOPOLITAN 6-493b.
COSMOS (bot.) 6-493b.
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— (philos.) 21-430b; 6-493a.
— (club, Wash., D.C.) 5-861a.
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Cospatric: *see* Gospatric.
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— II. (Scot. noble) 14-865d.
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Cosquin, Emmanuel (Fr. philol.) 9-447b.
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—, Die: *see* Algebra.
Cossa, Baldassare (pope): *see* John XXIII.
Cossa, Cristofano (It. builder) 6-493c.
COSSA, FRANCESCO DEL (It. paint.) 6-493c.
COSSA, PIETRO (It. writ.) 6-494a.
Cossack, Austr. [24-168 B3].
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— **POST** (mil.) 6-494a.
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Cossacks, The (Tolstoy) 22-273b.
Cossack Tales (Gogol) 10-476c.
Cossaeans (tribe) Persia 17-572b; *see* Kassites.
Cossaei (tribe) Zagrus mts. 17-565d; *see also* Kassites.
Cossayuna, lake, N.Y. [24-103 G2].
Cossé, Charles de, count of Brissac: *see* Brissac, Charles de Cossé, count of.
—, Louis Hercule Timoléon de, duc de Brissac: *see* Brissac, L. H. T. de Cossé, duc de.
— de Geneste (collar) 6-14b.
— -le-Vivien, Fr. [24-24 E4].

Cossidae (insect family) **13**-948a; **13**-955c.
Cossignya pinnata (tree): *see* Bois de fer de Judas.
Cossike arte: *see Algebra.*
COSSIMBAZAR (KASIMbazar), India **6**-494b.
Cossoidea (insect family) **13**-948a.
Cosson, riv., Fr. **20**-951c.
Cossona, Switz. [**24**-30 A3].
Cossophya caffra (bird): *see* Cape robin.
Cossus, Cornelius Lentulus (Rom. gen.) **13**-162c.
Cossus cossus (insect): *see* Goat moth.
Cossutius (Rom. arch.) temple of Zeus **2**-609a.
Cossyra, isl., Medit.: *see* Pantelleria.
Cossyrite (min.) **1**-840d.
Cost, Tex. [**24**-123 F5].
Cost (econ.) **22**-961a.
Costa (sci.) mass-spectrograph **18**-302a.
—, Afonso (Port. minis.) **18**-282c fol.
—, Feliciano (Port. naval of.) **18**-283c.
—, Gabriel da (1585-1640) **21**-232a.
—, **GIOVANNI** (It. paint.) **6**-494c.
—, Girolamo **6**-494c.
—, Gomes da (Port. gen.) **18**-284a.
—, Ippolito **6**-494c.
—, Isaac da (Du. au.) **7**-774d.
—, J. Mendes Da (Du. sculp.) **18**-358d.
—, Joaquín (Sp. pol.) **2**-210b.
—, José Julio da **18**-283c.
—, **LORENZO** (It. paint. d. 1535) **6**-494c.
—, Lorenzo (It. paint., d. 1583) **6**-494c.
—, **SIR MICHAEL ANDREW Agnus** (conductor) **6**-494c; **17**-969b.
Cost Accountants, National Association of (U.S.) **6**-497a.
COST ACCOUNTING (fin.) **6**-494d; farm **9**-95a; **9**-92a; industrial **20**-127a; U.S. **6**-496a.
Costae (anat.): *see* Ribs.
Costai Llabera, Miguel (Sp. au.) **21**-163a.
Costal cartilage (anat.) **20**-733d; hyaline **6**-273c.
— respiration (physiol.) **19**-218d.
Costança (Port. infanta) **5**-7a.
Costano (people) **17**-495b; **5**-139a.
Costantin, Anne-Hilarion de, comte de Tourville: *see* Tourville, Anne-Hilarion de Cotentin.
COSTANZO, ANGELO DI (Italian historian and poet) **6**-497a.
COSTA RICA, republic, C. Am. [**24**-2 G4; **24**-158 H5]; **6**-497a; archaeology **5**-137b; coffee Pl. II. figs. 5, 6 **5**-COFFEE; economics and trade **6**-499a; forestry area **9**-502c; history **5**-126b; learned societies **10**-139a; Pan-American Conferences **17**-177b fol.; population **16**-504a; illegitimacy **12**-85c; railways **18**-919b.
"Costa Rica" (ship) **2**-223d.
Costa Rican dipper (bird) **7**-411b.
Cost-book mining companies **6**-149a; **6**-494d.
Costebelle (suburb), Hyères, Fr. **12**-8b.
Costelick Mal (Huygens) **7**-773a.
Costello, Dan Barnum **5**-723a.
—, Dudley (journ.) **6**-500b.
—, **LOUISA STUART** (Ir. au.) **6**-500b.
—, Mary Annie (Brit. act.) **4**-746d.
Costello, Pa. [**24**-106 C2].
Costelow, Ky. [**24**-116 D4].
Costen, Md. [**24**-109 D2].
Coster (Dan. phys.) **23**-847d.
—, Augustin de **6**-500b.
—, **CHARLES T. H. DE** (Belg. writ.) **6**-500b.
—, John (Brit.) work for Cornish mines **6**-453d.
—, Laurens (Du. print.): *see* Koster, Laurens.
—, Samuel (physic.) **7**-773a.
—, Ill. [**24**-128 D2].
—, Md. [**24**-109 C2].
COSTERMONGER **6**-500c; il. **6**-500.
Costes, Dieudonne (Fr. aviator) **2**-811b, Pl. III. figs. 4, 17, Pl. IV. fig. 3 **22**-TRANSO. AND TRANS-CONT. FLIGHTS.
Costig, Minorca, Bal. Is. **2**-971d.
Costigan, John E. (Am. paint.) **23**-412a; Pl. III. fig. 7 **23**-WATER COLOUR PAINTING.
Costigan, Me. [**24**-96 D3].
Costilla, N.Mex. [**24**-148 D2].
—, co., Colo. [**24**-147 E4].
—, mt., N.Mex. [**24**-148 D2].
Costin, Miron (Rum. hist.) **19**-654c.
—, Nicolae (historian) **19**-654c.
Costing (fin.): *see* Cost Accounting.
Costing System (Eng.) **12**-312c.
Costmary (plant) **5**-664a.
Costoboci (anc. tribe) **10**-785c; **20**-790b.
COST OF LIVING (econ.) **6**-500d; changes **6**-507b; Great Britain **6**-503b fol.; **10**-721b fol.; standards **6**-502b fol.; United States **6**-505b; **23**-273d; wage graph il. **6**-504.
— Committee: *see* British Committee on the Cost of Living.
COST OF PRODUCTION (econ.) **6**-508b.
Costonia, O. [**24**-124 E3].
COSTON LIGHT (signal) **6**-508b; **9**-359b.
COSTS: *see* Practice and Procedure.
— (econ.) **7**-928a.
— (Eng. law) **18**-407b; **2**-131b.
COSTUME: *see* Dress.
—, ecclesiastical: *see* Church vestments.
—, emblematic il. **6**-514.
COSTUME DESIGN, THEatrical **6**-508c; **2**-947a; miracle-plays **7**-589b; Jap. No Drama Pl. I. figs. 1-11 **16**-NO DRAMA; motion picture Pl. II. fig. 4 **15**-MOTION PICTURES.
— Designing Class Pl. II. fig. 1 **7**-EDUCATION.
Cosulich Line (ships): *see* Società Triestina di Navigazione Cosulich.
Co-surety (law) **10**-934a.
Cosway, Maria (Eng. paint.) **17**-358c.
—, **RICHARD** (Eng. paint.) **6**-517d; **15**-540a; **20**-450c.
"Cosway Zuccarro" Pl. fig. 5 **20**-SHAKESPEARE, WILLIAM.
Coswig, Ger. [**24**-39 H2].
"Cosy Corner, A" (paint. F. D. Millet) **15**-499b.
Cotaco, Ala. [**24**-118 C1].
COTA DE MAGUAQUE, RODrigo (Sp. poet) **6**-518a.
Cotagaita, Bol. [**24**-165 C1].
Cotalpa lanigera (insect): *see* Goldsmith beetle.
Cotangent (math.) Edmund Gunter **11**-5c.
COTARNINE: *see* Narcotine; **16**-118d fol.
Cotati, Calif. [**24**-154 B3].
Cotean, The, mts., Sask., Can. [**24**-91 E3].
Coteau, N.Dak. [**24**-136 B1].
—, Que., Can. [**24**-89 A3].
Coteau des Prairies, mts., Ia. [**24**-138 B2].
—, mts., Minn. **15**-559c.
—, mts., S.Dak. [**24**-137 G1].
— du Missouri, plateau, North America: *see* Missouri couteau, plateau, North America.
Côte Chalonnaise, dist., Fr. **23**-654a.
— Dame Marie **15**-376b.
— d'Argent, dist., Fr. (Biarritz): *see* Basques, Côte des.
Côté de chez Swann, Du (nov. Proust) **18**-636c.
— des Dents, dist., Fr. W. Af.: *see* Ivory Coast.
—**D'OR**, dept., Fr. [**24**-25 K4]; **6**-518a; **9**-585a; **23**-654a; **4**-407d; **19**-983d.
—, mts., Fr. [**24**-25 K4]; **9**-582b.
— Maçonnaise, dist., Fr. **23**-654a.
Cotentin, Anne-Hilarion de, comte de Tourville: *see* Tourville, Anne-Hilarion de Cotentin, comte de.
Coterie (Eng. club) **5**-859a.
Côte Rotie, dist., Fr. **23**-654b.
Cotes, Francis (Eng. paint.) **17**-358b.
Cotes, Mrs. Everard (Can. writ.): *see* Duncan, Sara Jeannette.
—, **ROGER** (Eng. math.) **6**-518c; **8**-992c; **16**-363b.
—, Roger (Cambridge prof.) **22**-873a.
COTES-DU-NORD, dept., Fr. [**24**-25 C3]; **6**-518c; **9**-585a.
Cotes's Spirals **6**-892a.
COTGRAVE, RANDLE (Eng. lexicographer) **6**-518d.
COTHEN, Ger. [**24**-39 G2]; **6**-519a; Bach **2**-869c.
Cotherstone, Eng. [**24**-13 C3].
— (cheese) **5**-333c.
Cothian, mts., Fr. **11**-257a.
Cothon (harbour, Carthage, N. Af.) **4**-944d.
Cothran, S.C. [**24**-113 B2].
Cothrige (Ir. st.): *see* Patrick, St.
Cothurnus (Gr. drama) **6**-510c; fig. 9 **6**-509.
Cotia, Braz. [**24**-164 C2].
Cotiaeum (anc. town) Asia M.: *see* Kutaiah.
Co-tidal line (in tides) **22**-197d; British seas fig. 2 **22**-198a.
Cotidianus (lat.): *see* Popular Latin.
Cotignac, Fr. [**24**-27 K4].
Cotilla, cave, Cu. **6**-833c.
Cotillon **7**-18a; **7**-16c.
Cotinga (bird fam.): *see* Rupicola.
Cotingidae (bird fam.) umbrella-bird **22**-678d.
— (S. Am. bird fam.): *see* Bell-bird; Chatterer, South American.
Cotinguiba, riv., Braz. **20**-361b.
Cotini (people) Moravia **15**-789d.
Cotinus americanus (tree): *see* American smoke-tree.
— Coggyria (shrub): see Smoke-tree.
Cotman, Frederic George (Eng. paint.) **6**-519a.
—, **JOHN SELL** (Eng. paint.) **6**-519a; **8**-747d fol.; Pl. II. fig. 7 **23**-WATER COLOUR PAINTING.
—, Joseph John (paint.) **6**-519a.
—, Miles Edmund (Eng. paint.) **6**-519a.
Cotner Univ. (Neb.) **16**-182d.
Cotocachi, mt., Ec. **7**-934d.
COTONEASTER (plant genus) **6**-519b.
Cotoneaster vulgaris (bot.) **6**-519b.
COTOPAXI, mt., Ec. [**24**-160 B3; **24**-190 B3]; **6**-519b; **1**-738c; **23**-588b.
Cotroman (gen.) **19**-988c.
Cotrone, It. [**24**-35 F5].
COTRONE: *see* Crotona.
Cotset (serf) **20**-360a.
Cotswold games **7**-559b; **6**-519d.
Cotswolds, king of the (nick.): *see* Chandos, Grey, 5th baron.
COTSWOLDS (COTTESwolds), hills, Eng. [**24**-15 B4; **24**-177 E5]; **6**-519d; **5**-594c; **10**-436b; Bucks., **4**-319d; Wilts., **5**-594a.
Cotswold sands (geol.) **13**-194d.
— (sheep) **20**-475b; Pl. II. figs. 2 and 3 **20**-SHEEP.
Cott, co., Minn. [**24**-135 E7].
COTTA (Ger. fam.) **6**-519d.
—, **BERNHARD VON** (Ger. geol.) **6**-520c; **17**-673a.
—, Caius Aurelius (Rom. pol.) **4**-522a.
—, Christoph Friedrich (Ger. print.) **6**-520a.
—, **GAIUS AURELIUS** (Rom. states.) **6**-520c.
—, Johann Friedrich (Ger. theol.) **6**-520b.
—, Johann Georg (Ger. publ., d. 1692) **6**-519d.
—, Johann Georg (Ger. publ., d. 1712) **6**-519d.
—, Kuntz (Ger. burgher) **14**-491c.
—, Lucius Aurelius (Rom. praetor) **6**-520c.
Cotta, Cey. **6**-38d.
COTTABUS (Gr. game) **6**-520d.
Cottage (arch.) **11**-812c; fig. 5 **11**-833.
— binding (art) **3**-857d.
— cheese **5**-334a.
— City, Mass.: *see* Oak Bluffs.
"Cottage Door" (paint., Gainsborough) **9**-968c.
Cottage Economy (Cobbett) **5**-933b.
Cottage Farms, Mass. **4**-256a.
— gardens **20**-815a.
— Grove, Conn. [**24**-101 C1].
—, Ill. [**24**-129 D6].
—, Ind. [**24**-127 D3].
—, Oreg. [**24**-151 B4].
—, Tenn. [**24**-117 C1].
— hospital **11**-792c.
"Cottage in a Cornfield, A" (paint., Constable) **6**-293b.
Cottage style (porcelain) **18**-354b.
— tulip (flower) **22**-539d.
Cottageville, S. C. [**24**-113 D4].
Cotta Messallinus (Rom. states.) **16**-977c.
Cottar (peasant) **13**-677a.
Cottarii (class) **23**-160d.
Cotta von Cottendorf, J. F., (publ.) **16**-351c; **6**-520a.
—, Johann Georg (Ger. publ.) **6**-520b.
—, Karl (Ger. publ.) **6**-520b.
Cottbus, Ger. **1**-463.
Cotte, de (Fr. arch.) **15**-631d.
Cotteau, (Fr. art) **18**-352a.
Cottel, isl., Nfd. [**24**-93 D2].
COTTENHAM, CHARLES Christopher Pepys, 1st earl of (Eng. states.) **6**-521a; **22**-356d.
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—, Pa. [**24**-107 D2].
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—, Ky. [**24**-116 G2].
—, Armstrong co. Pa. [**24**-106 B3].
—, Union co. Pa. [**24**-107 D3].
—, Tenn. [**24**-117 E2].
—, lake, W. Aus., Austr. [**24**-168 C5].
— (Freemasonry) **9**-735b.
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—, riv., Pa. [**24**-107 D2].
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Cowberry **6**-633c; **8**-684c; **3**-560c; *see also* Red whortleberry.
COW-BIRD 6-619c; **16**-924b.
Cowbit, Lincs., Eng. [**24**-14 C3].
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COWBRIDGE, Glamorgan, Wales [**24**-17 C3]; **6**-619c.
COWCATCHER 6-619d.
Cowcowing, lakes, W. Aus., Austr. [**24**-168 B5].
Cowden, Ill. [**24**-129 D4].
COWDENBEATH, Scot. [**24**-12 A1]; **6**-620a.
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—, P. H. **15**-781a.
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—, **JOSEPH 6**-620d.
—, mt., Mont. **19**-369d.
Cowering **19**-903d.
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—, East, I. of Wight, Eng. [**24**-15 B5].
Cowesett, R.I. [**24**-100 C3].
Coweta, co., Ga. [**24**-114 B3].
—, Okla. [**24**-143 H3].
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—, E. H. **1**-713d.
—, **HENRY C. 6**-621b.
—, Neb. [**24**-139 F4].
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— Brothers **8**-333a.
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—, **HANNAH 6**-621d; **7**-169d; **22**-976a.
—, **HENRY W.**, 1st earl **6**-622a.
— **FATHERS 6**-222a.
—, co., Kan. **23**-657b.
Cowley, Life of (Sprat) **3**-594d; (Johnson) **3**-595d.
—, co., Kan. [**24**-142 F4].
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—, co., Wash. [**24**-150 C4]
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—, pass, Wash. [**24**-150 D4].
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—, J. **6**-622a.
—, T. **6**-622b.
—, **WILLIAM 6**-622a; **8**-592a; Cheselden **5**-422d; didactic poetry **7**-343a; Evangelical doctrines **8**-470d; Newton **16**-363d; portrait **17**-358b.
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—, **SIR G. W. 6**-624b.
—, **JACOB D. 6**-624b; **6**-625a.
—, **JAMES M. 6**-624d; **11**-187c; **16**-358d.
—, Joseph **6**-624b.
—, **KENYON 6**-625a; **17**-64 Ca.
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—, Louise H. K. **6**-625a.
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—, **SIR PEECY 6**-625a; **12**-588a; **15**-850a; **2**-172d.
—, **RICHARD 6**-625b.
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—, T. **3**-747b.
—, Warren, E. Pl. I. **7**-DRAWING.
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—, Ga. [**24**-114 E5].
—, O. [**24**-125 C4].
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Cox machine **3**-955b.
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—, **JOHN R. 6**-626c; **23**-410a.
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CREATION, EPIC OF (Babyl.) **6**-651d.
CREATIONISM AND TRAducianism **6**-652b; **5**-217b.
Creation Legend (Euphratean) **6**-311c.
"Creation of Eve" Pl. IV. fig. 2 **20**-SCULPTURE.
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Creation Society (Chin.) **20**-908c.
Creation Song, The (Samoan) **18**-191a.
Creative activity **11**-641c.
CREATIVE EVOLUTION **6**-652c; **17**-758a; **22**-49c.
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Creative imagination: *see* Imagination, creative.
Creative Spirits of the 19th Century (Brandes) **4**-34c.
CREBILLON, PROSPER Jolyot de (Fr. dram.) **6**-652c; **7**-596a; **23**-249b.
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Crecelius, Ky. [**24**-116 D2].
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Crécy, Seine-et-Marne, Fr. [**24**-25 H3].
CRECY (Cressy), Somme, Fr. [**24**-24 G1]; **6**-653a; **8**-495c; **5**-69b; **12**-324d.
—, forest, Fr. **4**-144c.
Crécy-sur-Serry, Fr. [**24**-25 J2].
Credaro **12**-817a.
CREDENCE (CREDENCE Table) **6**-653d.
Credentarius (official) **6**-653d.
Credentes (rel.) **23**-288d.
CREDENTIALS (document) **6**-654a.
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CREDIT (fin.) **6**-654a; **3**-43d; **9**-240d; authorizing system **16**-717b; bank acceptances **3**-36c; banker's credit **3**-577a; bookkeeping **3**-864a; central bank **5**-142a; money market **15**-701a; Brit. expenditures **10**-695c; quantity theory of money **18**-814c.
— **(INSOLVENCY, BAD Debt) Insurance** **6**-654c.
— (law) **6**-339d.
—, Agricultural: *see* Agricultural Credit.
— -**Agricole** (Fr. fin.) **6**-654c.
CREDIT FONCIER (bank) **6**-654b.
— Général des Pétroles (Albania) **1**-512b.
— Lyonnais (Fr. bank) **3**-72c.
—, **LETTER OF**: *see* Letter of Credit.
— **MANAGER** (fin.) **6**-655d.
— -Mobilier (Fr.) **6**-654c.
— **MOBILIER OF AMERICA** (fin.) **6**-656a.
— money (econ.): *see* Bank credit.
— Municipal (Paris) **17**-404d.
— National Hôtelier **11**-797a.
— **NOTE** (fin.) **6**-656b.
Crédito Hipotecario de Bolivia (Bol. bank) **3**-817b.
Credito Italiano Bank (It.) **12**-778d.
CREDITON, Eng. [**24**-17 C4]; **6**-656b.
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Creditul Minier (Rum. oil Co.) **19**-640a.
CREDNER, CARL HERMANN **6**-656c.
—, C. F. H. **6**-656c.
Credo (mus.) **17**-996b.
Credulity (psych.) **3**-369a.
Cree, lake, Can. [**24**-91 E1].
—, riv., Can. [**24**-91 E1].
—, riv., Scot. [**24**-19 D6]; **20**-964d.
CREE (tribe) **6**-656c; **4**-702c; **4**-703d.
CREECH, THOMAS (Eng.) **6**-656d.
—, Ky. [**24**-116 G4].
Creede, Colo. [**24**-147 D4]; **6**-44d.
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—, Miss. [**24**-119 C2].
—, N.C. [**24**-112 G1].
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Creek-lamprey (fish) **13**-634c.
Creektown, Nig. [**24**-80 F5; **24**-82 A1].
Creel, George **22**-838c.
— (trap): *see* Lobster pot.
— (weaving machinery) fig. 33 **23**-464.
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Creep (coal mine) **5**-883c; fig. 11 **5**-884c.
— (phys.) **3**-128d.
CREEPER, BROWN (bird) **6**-663c.
Creeper-fishing (angling) **1**-939a.
CREEPING BARRAGE (mil.) **6**-663c.
— bell-flower **4**-676d.
— bent (plant) **10**-651a.
— bindweed (plant) il. **6**-360b; **6**-360b.
— day-flower **7**-93a.
— jenny (plant) **14**-386d.
— juniper (bot.) **13**-185d.
— strawberry bush **8**-814b.
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—, William **6**-663d.
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—, Neb. [**24**-139 G2].
—, S. Dak. [**24**-137 B2].
—, Wyo. [**24**-146 H4].
— Mine, Ont., Can. [**24**-90 B1].
— University (Neb.) **16**-784c.
CREIL, Fr. [**24**-24 H2]; **6**-664d; **18**-354d.
Creke, Sir John de il. **2**-393a.
CRELL (KRELL), NICHOlas **6**-664d.
CRELLE, AUGUST LEOpold **6**-664d.
Crelle's Journal **6**-665a.
Crellin, Md. [**24**-108 A1].
Crellins, J. **10**-410b.
CREMA, It. [**24**-34 B2]; **6**-665a.
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— Act **6**-665c.
— **CERTIFICATE** **6**-666a.
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—, **JAKOBUS JAN** **6**-666b.
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—, O. [**24**-125 C4].
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CREOSOTE-BUSH (shrub) **6**-669b.
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Creosote oil (chem.) **5**-916a; **7**-694b.
Creosote poisoning (disease) **2**-62c.
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Crepe (fabric) **14**-935c; *see also* Oatmeal.
— (yarn) **6**-555c.
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— plana (animal) **20**-412d.
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— (zool.) **6**-669c.
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CREQUY, Charles I. de Blanchefort, marquis de **6**-669c.
CREQUY, FRANCOIS, chevalier de **6**-669c; **7**-780a.
—, François Joseph, marquis de **6**-669d.
—, Louis Marie, marquis de **6**-669d.
—, Nicolas Charles de **6**-669d.
—, **RENEE CAROLINE DE** Froullay, marquise de **6**-669d.
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—, Ida. [**24**-145 B3].
—, Ill. [**24**-128 C3].
—, La. [**24**-121 D4].
—, Mo. [**24**-141 G3].
—, Okla. [**24**-143 F3].
—, Oreg. [**24**-151 D4].
—, Utah [**24**-152 E4].
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Crescentius I. **19**-512d.
— II. **19**-512d.
— (cynic philos.) **13**-213c.
Crescent Moon Society **20**-908c.
CRESCIMBENI, GIOVANNI Mario **6**-670b.
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—, N.Mex. [**24**-148 C2].
—, Pa. [**24**-107 F2].
Crescograph (instrument) **3**-926b.
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CRESPI, DANIELE **6**-670d.
—, **GIOVANNI BATTISTA** **6**-670d.
—, **GIUSEPPE MARIA** **6**-670d.
—, Juan (priest) **14**-400c.
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—, Ill. [**24**-128 D2].
—, Ind. [**24**-126 A1].
—, Ky. [**24**-116 E3].
—, La. [**24**-121 A2].
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—, Oreg. [**24**-151 G4].
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— Timbers, Mo. [24-140 D3].
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Crosthwaite, Eng. **13**-354b.
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— juncea (plant): *see* Sunn.
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— adamanteus (snake): *see* Diamond back.
— cerastes (snake): *see* Sidewinder.
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— horridus (snake): *see* Timber rattlesnake.
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— (mus.) **6**-756c.
CROTHERS, RACHEL 6-756c.
—, Samuel McC. **1**-793d.
Crothersville, Ind. [**24**-127 C4].
CROTO, Gr.: *see* Crotona.
Crotolinic acid **6**-757a.
Croton, Gr.: *see* Crotona.
—, anc. It. **19**-486b.
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—, N.J. [**24**-105 B2].
—, Wyo. [**24**-146 G1].
— (aqueduct, N.Y.) **16**-384b; constr. **22**-568d.
—, riv., N.Y. [**24**-102 G4].
Croton (bot.) **5**-959c.
— (water-shed, N.Y.) **16**-384b.
CROTONA (CROTO, CROTON), Gr. **6**-756d.
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— draco (tree) **7**-572b.
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Crotus (myth) **19**-814c.
—, **RUBLANUS 6**-757b.
Crouch, Paul Webb **2**-266d.
—, riv., Eng. [**24**-15 D4]; **8**-723d.
— (boxing) **3**-986a.
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Croupous pneumonia, acute (dis.) **18**-100b.
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Crouse, Colo. [**24**-147 F1].
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Crouth (mus. instru.): *see* Crowd.
Crouzat (gen.) **16**-911d.
Crova, A. **11**-338b.
Crow, Francis **6**-174c.
—, Oreg. [**24**-151 B4].
—, Tex. [**24**-123 G3].
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— Agency, Mont. [**24**-144 E3].
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— Beacon, hill, Eng. **8**-459a.
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Crowcombe, Eng. [**24**-17 C3].
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—, Indian reserva., Mont. [**24**-144 E3].
—, Indian reserva., S.Dak. [**24**-137 E2].
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CROWDER, ENOCH H. 6-758a.
—, Miss. [**24**-119 B1].
—, Mo. [**24**-141 H5].
—, Okla. [**24**-143 H3].
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—, George **3**-200a.
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—, Sidney **3**-200a.
— house (Plymouth, Mass.) **18**-93a.
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Crowie, cr., N.S.W., Austr. [**24**-171 H4].
Crowl, cr., N.S.W., Austr. [**24**-171 G3].
Crowlake, S.Dak. [**24**-137 F3].
CROWLAND (CROYLAND), Lincs., Eng. [**24**-14 C3]; **6**-758d.
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—, co., Colo. [**24**-147 G3].
—, Colo. [**24**-147 G3].
CROWLEY, La. [**24**-121 B3]; **6**-759b.
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—, Tex. [**24**-123 F3].
Crowleys Junction, Me. [**24**-96 B4].
Crown, John **11**-514c.
—, Minn. [**24**-135 E6].
—, mt., Ida. [**24**-145 D4].
—, mt., W.I. **19**-860d.
—, pt., Can. [**24**-88 E4].
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— (ornament) **7**-653a.
— **AND CORONET** (emblem) **6**-759c; *see also* Crown Jewels.
— animalcule (zool.) **19**-575b.
— bowling green (lawn) **3**-980c.
— colony **4**-178d.
— cork bottles **1**-225a.
— **DEBT** (Eng. law) **6**-762b.
CROWNE, JOHN 6-762c.
—, William **6**-762c.
Crowned crane (bird) **6**-635a.
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— monkey **23**-883d.
— pigeon (bird) **17**-921b.
Crown Flanders, ter., Eur.: *see* Flanders, Crown.
— gall **18**-38a.
— glass (optics) **21**-906b fol.; achromatic lenses **7**-509a; electric lamps **8**-290d; properties **10**-418a; lenses **15**-436b.
— Green Game **3**-981d.
— imperial (plant) **9**-858c.
Crowning (ceremony): *see* Coronation.
— (mil.) **9**-537b.
Crowninshield, George **23**-869b.
CROWN JEWELS OR REgalia (emblems) **6**-762d.
— King, Ariz. [**24**-149 C4].
— **LAND** (Eng. law) **6**-764c; Commissioners **10**-574c.
— Lands Act (1829, Eng.) **6**-764c.
— Manufacturers' Association of America **1**-225c.
— Office Act (1877, Eng.) **23**-810d.
— Point, Ind. [**24**-126 A1].
— **POINT**, N.Y. [**24**-103 G2]; **6**-764d; fort **5**-218d.
— Point, Portland, Vista House il. **18**-255.
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— rath (enclosure, Ire.) **16**-328a.
— rolls (Eng.) **19**-14b.
— solicitor (Ire.) **20**-941b.
— Suits Act (1769, Eng.) **14**-134c.
Crownsville, Md. [**24**-109 C1].
Crown vetch (herb) **23**-113d.
— wheel (mech.) **23**-402c.
Crown-work (fort.) fig. 8 **9**-528.
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Crow's Nest, Queens., Austr. [**24**-171 L1; **24**-169 D4].
Crowsnest, pass., B.C., Can. [**24**-92 E5]; **4**-170d.
— (naut.) **19**-307b.
— (plant): *see* Wild carrot.
Crow Street theatre (Dublin) **3**-149d.
Crowth (mus. instru.): *see* Crowd.
Crowther, George **15**-624d.
—, **SAMUEL A. 6**-764d.
Crow-tit (bird) **2**-836d.
Crow Wing, co., Minn. [**24**-134 D5]; **4**-20b.
—, Minn. [**24**-135 D5].
—, riv., Minn. [**24**-134 D5].
Croxdale, Eng. [**24**-13 C3].
Croxden, Eng. **21**-280d.
Croy, Henri de **2**-996b; 5-236a.
Croy, Philippe de, duke of Aerschot: *see* Aerschot.
Croydon, dist., Austr. **4**-909d.
—, Queens., Austr. [**24**-169 B2].
CROYDON, Sur., Eng. [**24**-15 C4]; **6**-765a; aerodrome **1**-231d; **21**-609a; channel air-routes **1**-462d.
—, N.H. [**24**-97 B3].
—, Utah [**24**-152 C1].
— (fabric) **6**-551b.
— aerial light, Eng. **14**-100a.
— Flat, N.H. [**24**-97 B3].
Croyland, Lincs., Eng.: *see* Crowland.
Crozat, Antoine **14**-429d.
—, Joseph A. **6**-765b.
—, Louis A. **6**-765b.
—, Louis F. **6**-765b.
—, **PIERRE 6**-765b.
Crozer, John P. **5**-438b.
— Theological Seminary (Chester, Pa.) **5**-438b.
CROZET, isls., Ind. O. [**24**-3 O7; **24**-185 J10]; **6**-765b.
Crozier, F. R. M. **2**-15c; exp. **9**-695c; Riel rebellion **4**-709a.
—, **JOHN B. 6**-765b.
—, Robert **6**-765c.
—, **WILLIAM 6**-765c.
—, Fr. [**24**-25 A3].
—, cape, Ross I., Antarc. [**24**-5 A11]; disc. **2**-15d.
—, chan., Northwest Terr., Can. [**24**-86 E1].
—, mt., Kerguelen **13**-350a.
— **(PASTORAL STAFF) 6**-765d.
Cruachain, Ire. map **12**-508.
Cruachan, mt., Scot. [**24**-18 C5; **24**-177 D2]; **2**-339a.
Cruce, Okla. [**24**-143 F4].
Crucero, Calif [**24**-155 E5].
— Alto, mt., Peru **17**-630b.
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CRUCIAL 6-765d.
— ligaments (anat.) **13**-131b.
— sulcus (anat.) **4**-12b.
Crucian carp (fish) **4**-906b.
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Crucible (met.) **4**-43c; apparatus figs. 22-27 **5**-346; furnace **9**-945b; Huntsman coke fired il. **6**-766a; elec. furnaces **8**-333c fol.
— **CAST STEEL** (indus.) **6**-765d; production **12**-658c.
Crucibles, chemistry **3**-468d.
CRUCIFERAE (plant fam.) **6**-766d; candytuft **4**-741a; dame's violet **7**-5b; asparagine **2**-547a; floral diagrams fig. 3 **6**-767; fruit fig. 2 **6**-767; garlic-mustard **10**-27c; horse-radish **1**-128c; Kerguelen's cabbage **13**-350c; nasturtium **16**-127b.
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— (of Christ) **3**-526b; **13**-19d; Pilate legends **17**-925a; Roman graffito **4**-865b.
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Crucifixion Early wood cut Pl. II. fig. 4 **23**-WOODCUTS AND WOOD ENGRAVING.
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Cruciniacum, Ger.: *see* Kreuznach.
Cruciterae (plant fam.) **2**-667b.
Crude death-rate **7**-112c.
CRUDEN, ALEXANDER 6-767c.
CRUDEN, Aberdeenshire, Scot. **6**-767d.
—, bay, Scot. [**24**-18 G4].
Crude oil prod. (1857-1927) **17**-663b fol.; (1860-1910) **22**-749b; **22**-749c.
— turpentine (oil) **22**-630a.
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Crudup, Ala. [**24**-118 D1].
Crudwell, Eng. [**24**-17 D3; **24**-15 A4].
Cruelty (Eng. law) **7**-455b.
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CUMAE, It. **6**-858a; **19**-481a; **8**-787c; pirates **10**-765d.
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—, **RICHARD** (bp.) **6**-860b; **8**-772d; **8**-717a; **22**-914b.
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Cumulite (min.) **6**-808d.
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CUNARD, SIR SAMUEL 6-865d; **4**-439c.
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— **STEAMSHIP COMPANY, Limited 6**-865d.
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—, Anne **11**-126d.
—, Francis **6**-869c.
—, Joseph D. **6**-869c.
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CUTHBERT, SAINT (Lindisfarne) **6**-907a; **4**-876b; **11**-683d; **8**-467a.
— (Hereford) **6**-907b.
—, Ga. [**24**-114 B5].
—, S.Dak. [**24**-137 F3].
— (raspberries) **9**-885c.
Cuthbert, St., Book of: see *Lindisfarne Gospels.*
Cuthbertson C. (phys.) **12**-469c.
—, John (cler.) **18**-447c.
Cuthman, St. **21**-405d.
Cuthred (Kent) **13**-328a.
— (Wessex) **23**-520d.
Cuticle **20**-746a.
Cuticular scale (anat.) **11**-80a.
— tissue (bot.) **5**-101a.
Cut Knife, mt., Can. **1**-525d.
Cut-leaved lettuce (bot.) **13**-972a.
Cutler, D.W. (bact.) **20**-933a.
—, E.C. (surg.) **11**-310d.
—, **MANASSEH** (cler.) **6**-907b; **2**-613d.
—, Timothy (cler.) **23**-874d.
—, Ill. [**24**-129 C5].
—, Ind. [**24**-126 B2].
—, Me. [**24**-96 E4].
—, O. [**24**-125 D4].
—, Ont., Can. [**24**-90 A1].
—, Utah [**24**-152 C2].
—, Wis. [**24**-133 C5].
Cutleria (plant) **1**-598a; figs. 3, E, F **1**-597; Gametes figs. 1, 0 **1**-593.
Cutleriales (plant) **1**-598a.
Cutler's cement **5**-111c.
— Company (Sheffield, Eng.) **20**-479e fol.; **22**-358b.
CUTLERY **6**-907c; **11**-190c; Brit. duty **19**-809a.
Cut line (flax) **14**-159c.
— -line (rackets) **18**-871b.
— -linen work **13**-564b.
— -lugged Willie: *see* Lithgow, William.
Cuto-cellulose: *see* Adipocellulose.
Cut Off, La. [**24**-121 D4].
— -off (mech.) **21**-357a; gas engines **12**-497b; locomotives **14**-282b.
— -off gear **16**-865c.
— -off trench (engin.) **19**-209b.
— -over (fencing) **9**-157d.
— pile (textiles) **17**-925c.
Cuts (chem.): *see* Fractions.
Cut splice **13**-447b.
— stem (glass) **10**-408a.
Cuttaburra, riv., Austr. [**24**-171 G2; **24**-169 C4].
CUTTACK, India [**24**-66 B2; **24**-64 G4]; **6**-909d; map **3**-326.
Cutter, Ariz. [**24**-149 E5].
—, N.Mex. [**24**-148 B5].
—, Wis. [**24**-132 B3].
— (boat) **3**-764d; **20**-798b.
Cutters (mech.) **9**-83c; figs. 1, 3, 4 **9**-83; fig. 19 **22**-291.
Cut-throat euchre: *see* Three-handed euchre.
— trout **1**-938b.
Cutting, C. A. (sportsman) **13**-792a.
—, Fulton (sportsman) **13**-792a.
— (bricklaying) **4**-121d.
— (cloth) **5**-848d.
— (coin mfr.) **16**-635a.
— (glass making) **10**-400c.
— (oxy-acetylene) **16**-1002a fol.
— grapnel, Lucas Pl. II. fig. 7 **21**-TELEGRAPH.
— -lathe **10**-400d.
— -off process **9**-511a.
— order **9**-949a.
— -out (sport) **5**-943d.
— plane (drawing) fig. 15 **7**-633b.
— press: *see* Lying press.
— reducer (phot.) **17**-810d.
Cuttingsville, Vt. [**24**-97 B3].
Cutting table (mach.) **4**-112c; il. **4**-112.
— tools **22**-286b.
Cuttlebone (anat.), Commercial use of **6**-911a; **6**-960a.
CUTTLEFISH **6**-910a; Pl. fig. 8 **5**-CEPHALOPODA; fig. 4 **15**-675; alimentary system fig. 25 **5**-155; artists' colours **20**-334d; eggs **8**-27d; equilibration **11**-301b; eye fig. 6 **20**-629; locomotion **14**-278b; mantle cavity fig. 12 **5**-151; olfactory sense **20**-821c.
CUTTS OF GOWRAN, JOHN Cutts, baron (Brit. sol.) **6**-911a; **3**-717d.
Cuttyhunk, isl., Mass. **10**-536b.
"Cutty Sark" (ship) **5**-831b.
Cut-weeds **13**-317c.
Cut worm **6**-528b; **13**-955d.
Cutzamala, riv., Mex. [**24**-158 D4].
Cuvaj (Hung. dict.) **6**-731d.
CUVIER, GEORGES L. C. F. D. (nat.) **6**-911a; **3**-614a; Blainville **3**-692b; cephalopoda **5**-155d; fossils **17**-103b; Flourens **9**-407d; Huxley **11**-949c; mollusca **22**-549d; St. Hilaire **10**-137b.
—, cape, W. Aus. [**24**-168 A3; **24**-192 A2].
— duct of (anat.) **23**-104b.
Cuvierian school **6**-166b.
Cuvier's whale **5**-171d.
CUVILLES, FRANCOIS DE (arch.) **6**-911c.
Cuvo, riv., Ang. [**24**-82 B5].
Cuvuni, riv., Brit. Gui. [**24**-160 D2].
CUXHAVEN, Ger. [**24**-36 D2]; **6**-911c.
CUYABA, (CUIABA) Braz. [**24**-160 D4; **24**-163 A6]; **6**-911c; **4**-51d; **15**-100b.
—, riv., Braz. [**24**-163 A6]; **18**-42d.
Cuyaguateje, riv., Cu. **6**-833d.
Cuyahoga, co., O. [**24**-124 D2].
—, riv., O. [**24**-124 D2]; **16**-730b.
CUYAHOGA FALLS, O. [**24**-124 D2]; **6**-911d.
CUYAPO, P.I. **6**-911d.
Cuyler, N.Y. [**24**-103 E3].
Cuylerville, N.Y. [**24**-102 C3].
Cuyo, isl., P.I. [**24**-73 B3].
Cuyos, isls., P.I. [**24**-73 B3].
CUYP (Dutch fam.) **6**-911d.
—, Albert (art.) **6**-912a; **13**-670d; Van Der Neer **16**-191c.
CUYPERS, PETRUS J. H. (arch.) **6**-912b.
Cuyuna, Minn. [**24**-134 E5].
—, mt. range, Minn. **15**-563c; iron deposit **12**-650d.
Cuyuni, riv., Brit. Gui. [**24**-162 F2].
Cuyutlán, lagoon, Mex. **14**-832d.
CUZA (COUZA) ALEXANder John (Rum. prince) **6**-912b; **7**-864d; **19**-647a; **19**-639b; **21**-485b fol.
Cuzari (Halevi) **11**-90a.
Cuzco, Ind. [**24**-127 B4].
Cuzco, dept., Peru [**24**-162 C6]; area and pop. **17**-629c.
CUZCO, Peru [**24**-162 C6, **24**-160 B4]; **6**-912c; Pl. I. fig. 4 **21**-SOUTH AMERICA; foundation myth **12**-129d; pre-Inca buildings **21**-73a; univ. **17**-628d; univ. courtyard il. **17**-629.
—, val., Peru **1**-902d.
Cuzorn, Fr. [**24**-26 D3].
Cvikov, Czech. [**24**-39 K3].
C.V.O. (abbrev.) **1**-24b.
Cwichelm (Wessex k.) **23**-520c.
Cwmavon, Glamorganshire, Wales **18**-273a.
Cwm Glas, lake, Wales **4**-891d.
— Hir (Abbey, Radnorshire, Wales) **18**-910d.
Cwmmawr, Wales [**24**-17 B3].
Cwmparc, val., Wales **19**-268d.
Cwn Annwn (folklore) **3**-110c.
Cwrdd Dosparth (eccl.) **23**-292d.
— Misol (eccl.) **23**-292d.
cwt. (abbrev.) **1**-24b.
Cyamelide **6**-914a; **18**-187c.
Cyamidae: *see* Whale Lice.
CYANAMIDE **6**-913a; fertilizer **9**-192a; nitrogen fixation **16**-472c; polymerization **18**-187c; synthesis of urea **22**-895b.
— process **6**-914d.
Cyananthrols **7**-803b.
Cyanates: *see* Cyanic acid and Cyanates.
Cyane, riv., Sic. **21**-713b.
Cyaneae, Asia M. **14**-512d.
Cyanean rocks (myth.): *see* Symplegades.
CYANIC ACID AND CYAnates (chem.) **6**-914a; **18**-187c; dual reactivity **12**-723d; isomerism **14**-37d.
CYANIDE **6**-914b; *see also* Prussic acid.
— assay, copper **2**-556b.
— compounds **11**-979c.
— gauze **15**-272a.
— **PROCESS** **6**-916a; **15**-313b; fig. 1 **6**-916.
— radicals fig. 22 **21**-394.
Cyanides, of metals **18**-658d.
—, organic **18**-659b.
Cyanide wool **15**-272a.
Cyanidin chloride **2**-28a.
— colour-base **2**-29a.
— iodide **2**-27a.
— pseudo-base **2**-29a.
CYANIN **6**-917c; **2**-26c.
— chloride **2**-26c.
Cyanines, modern (dyes) **7**-802a.
CYANITE: *see* Kyanite.
Cyanoacetic acid **14**-730d.
CYANOGEN **6**-917c; **5**-361d; **3**-25b.
— chloride **6**-914a.
Cyano-genetic glucosides **10**-445a.
Cyanol **1**-959a.
— colour **7**-790d.
Cyanophyceae: *see* Blue-green algae.
Cyanopica cyanus cooki: *see* Azure-winged magpie.
Cyanops asiatica: *see* blue-throated barbet.
— ittacus **14**-548b.
Cyanorhamphus **14**-598d.
Cyanospiza cyanea: *see* Indigo-bird.
CYANOTYPE: *see* Blue print.
Cyanuric acid **6**-914b.
— chloride **6**-914b; **18**-187d.
Cyanurus cristatus: *see* Blue jay.
Cyathaspis (paleon.) **6**-923b; **7**-288d; **14**-151c.
Cyatheaceae **18**-729b.
Cyathea medullaris **22**-447a.
Cyathium (plant) **8**-815d.
Cyathophyllum murchisoni **4**-844b.
— quadrigeminum **7**-290.
CYAXARES (Media) **6**-917d; **2**-592b; **17**-567a; **15**-172a.
— (Scythia) **2**-857b.
CYBELE **6**-917d; Lydia **14**-516a; Niobe **14**-515d; Phrygia **17**-853a; statue Pl. IV. **4**-BRONZE; temple, Rome **19**-469b; *see also* Rhea.
Cybele-Artemis (temple, Sardis) **19**-998a.
Cybistra, Asia M.: *see* Heraclea-Cybistra.
Cybur, Miss. [**24**-119 C5].
CYCADALES: *see* Gymnosperms.
Cycadean frond fig. 6 **17**-83.
Cycadeoidea **1**-928a; **17**-88b fol.; fig 9 **17**-83.
Cycadofilicales: *see* Pteridospermae.
Cycadophyta **17**-81c.
CYCADS: *see* Gymnosperms.
Cycas (bot.) **11**-23b fol.; **19**-814d.
Cychreus (Gr. hero) **20**-370c.
CYCLADES, isls., Gr. [**24**-55 D4; **24**-9 M6; **24**-179 K8]; **6**-918a; **1**-216c; **7**-492d; **10**-754b; weapons **4**-241b; Delos **7**-172d.
—, Great, isls., Pac. O.: *see* New Hebrides.
Cycladic (archae.) **10**-795d.
CYCLAMEN (bot.) **6**-918a; **9**-417d.
— europaeum: *see* Sow Bread.
— poppy **18**-229a.
Cyclanes (chem.): *see* cycloparaffins.
Cyclas: *see* Surcoat.
Cycle, N.C. [**24**-112 E1].
CYCLE **6**-918b.
— (elec.) **8**-154a.
— (lit.) **11**-699c.
— (mech.) **12**-497b; **15**-901c.
— (vehicle) **3**-544a.
— controller Pl. fig. 4 **19**-ROBOT.
— **MANUFACTURE**: *see* Bicycle; Motor Cycle; Tricycle.
— of Indiction: *see* Indiction, Cycle of.
— **OF TRADE**: *see* Trade Cycle.
Cycle-touring **3**-543a.
Cycliae **6**-923c fol.
Cyclic acids **16**-748a.
— alcohols: *see* Sterols.
— compounds **21**-392a; table **5**-370d; **7**-327c; stereochemistry fig. 18 **21**-393.
— ethers **5**-387d fol.
— flower **9**-410c.
— group (math.) **10**-912c.
— imines **5**-388b.
— parthenogenesis **12**-413d.
— planes **6**-224d.
— point **8**-372a.
Cyclical fluctuation: *see* Trade Cycle.
— process **22**-92b.
Cyclides (geom.) **7**-51c.
CYCLING (sport) **6**-918c.
— clubs **6**-919c.
Cyclists' Touring Club **6**-919c.
Cyclitis (med.) **3**-732b; **9**-9d.
Cyclobutadiene **5**-381c.
Cyclobutane (chem.) **21**-392a.
Cyclocarpineae **14**-33b.
Cyclocoelidae **22**-451b.
Cyclocrinus **17**-72a.
Cyclohexane (chem.) **5**-379d; **4**-837a; stereochemistry figs. 14-16 **21**-392.
Cyclohexylaniline **1**-959b.
CYCLOID: *see* Curves, Special Plane.
— (basketry) il. **3**-179.
Cycloidal pendulum **6**-893b.
Cycloid scales **20**-753b.
Cycloloma atriplicifolium: *see* Winged pigweed.
CYCLOMETER **6**-921b.
Cyclomyaria: *see* Doliolida.
Cyclon (chem.) **6**-915c.
Cyclone, Ind. [**24**-126 B2].
—, Ky. [**24**-116 E4].
CYCLONE **6**-921b; **15**-353a; diagrams figs. 5 and 6 **15**-353; figs. 7 and 8 **15**-354.
"Cyclone" (boat) **15**-880b.
Cyclonic motion **15**-351b.
Cyclo-octadiene ring **5**-380a.
— -octatetrene **5**-380a.
— -olefines **5**-379d; **5**-370d.
Cyclopaedia: *see* Encyclopaedia.
Cycloparaffins **5**-378c; **5**-370d.
Cyclopean (archeol.) **6**-921c.
— blocks **4**-76c.
— concrete: *see* Rubble.
— family **9**-59d.
— **MASONRY** **6**-921b.
"Cycloped" (engine) **14**-279a.
Cyclopedidae (zool.) **7**-949c.
Cyclopentane derivatives **5**-380c.
CYCLOPES (myth.) **6**-921c; **1**-169b.
— didactylus: *see* Little ant-eater.
Cyclophoridae **10**-65d.
Cyclophyllidea **17**-271c.
Cyclopia (embryol.) **8**-979c.
Cyclopium **5**-30c; **9**-317a.
Cyclopoida (zool.) **6**-400a.
Cyclopropane (chem.) **5**-379a; **21**-392a.
Cyclops, Antigonus: *see* Antigonus Cyclops.
Cyclops (Euripides) **20**-10b; **5**-772a; **7**-584b; **8**-823c.
Cyclops (Philoxenus) **17**-763c.
Cyclops (ship type) **15**-722b; **5**-921a.
— (zool.) **21**-804c; fig. 1 **12**-551.
— agate **1**-341c.
— monster **15**-740a.
— vulgaris fig. 1 **6**-399.
Cyclopteridae **9**-323b; **14**-484b.
Cyclopterus lumpus (fish): *see* Lump-sucker.
Cyclorama **21**-288c; **22**-31c.
Cyclorrhapha (insect) **7**-412d.
Cyclosalpidae **22**-551c.
Cycloselenobutane **20**-301c.
Cycloselenopentane **20**-301c.
Cycloselenopropane **20**-301b.
Cyclospiridae **3**-1001c.
Cyclostigma **17**-76a.
CYCLOSTOMATA (MARSIpobranchii) **6**-921c; fig. 3 **18**-194; **10**-65d; **20**-761d; **18**-195b; **20**-735b; **15**-990a; comparative anat. **20**-753a; heart **11**-305d; intestinal tract **1**-632b; metamorphosis **15**-330c; mouth **15**-940a; nervous system **16**-241d; olfactory system **16**-770a; palaeon. **6**-923b; reproductive system **19**-179c; respiratory system **10**-63b; teeth **21**-874c; urinary system **22**-899a; veins **23**-31b.
Cyclostomes **4**-17d; *see also* Cyclostomata.
CYCLOSTYLE **6**-923d.
Cyclotelluropentane **21**-913b.
Cyclotomic equation **10**-176a.
Cycloturus didactylus: *see* Two-toed ant-eater.
Cycnoches **16**-849d.
Cydamus, Sah.: *see* Ghadames.
CYDER: *see* Cider.
Cyder (J. Philips) **17**-733d.
Cydia pomonella: *see* Codlin moth.
Cydippe (myth.) **1**-129c.
Cydnus, riv., Asia M.: *see* Tersous Chai.
Cydonia, Crete: *see* Canea.
— vulgaris (tree): *see* Quince.
Cydweli, Carmarthenshire, Wales: *see* Kidwelly.
Cyema atrum (fish) **9**-317c.
Cyemidae (fish) **9**-317c.
Cyfarthfa, Wales **15**-285c.
Cyfnerth (jurist) **23**-511a.
"Cygne, Le" (Ravel) **20**-992c.
Cygnet, O. [**24**-124 B2].
Cygni: *see* Cygnus.
Cygninae **21**-630d.
Cygnopsis cygnoides (bird): *see* Chinese goose.
Cygnus, mt., Ariz. [**24**-149 B4].
CYGNUS (astron.) **6**-923d; Pl. I. **21**-STAR; **17**-262a; **21**-378a.
— atratus: *see* Black swan.
— bewicki: *see* Bewick's swan.
— buccinator: *see* Trumpeter-swan.
— columbianus **21**-630d.
— melanocoryphus: *see* Black-necked swan.
— musicus: *see* Wild swan.
— olor: *see* Mute-swan.
Cyinda (treas.) **2**-340b.
Cylinder, Ia. [**24**-138 C1].
— (engin.) **6**-924c; automobile **15**-882b; fig. 1 **15**-881; Pl. III. fig. 1-F **18**-POWER TRANSMISSION; blowing engines **3**-751a; diesel engine **7**-349b; gas engines **12**-497a fol.; high pressure **15**-922b; rotor ship **19**-577d; steam engine **21**-351c.
CYLINDER (figure) **6**-923d; Archimedes **6**-924a; mensuration **15**-253c; models **15**-73a.
— (jewelry) **19**-312a.
— (weaving) **23**-461a.
— desk il. **7**-261b.
— dial fig. 9 **7**-312.
— escapement (watch): *see* Horizontal escapement.
— function (math.): *see* Bessel function.
— instruments (mus.): *see* Saxotrombas.
— lock **14**-269c.
— machine (print.) **18**-506d; **6**-67a.
—, measuring fig. 28 **5**-346.
— method (thermodynamics) **11**-331a.
Cylinder, On the Section of the (Serenus) **20**-358c.
Cylinder printing (textiles): *see* Roller printing.
— seal **2**-845a.
— washer **23**-379d.
Cylindrella torrei **22**-304d.
Cylindrical bridge (elec.) **20**-302d.
— containers **6**-326d.
— equal area projection: *see* Equal area projection.
— harmonics **21**-213a.
— sluice valves **7**-479a.
Cylindro-conical helix (math.) **6**-899a.
Cylindro-conoidal bullet **5**-70c.
Cylindrophis rufus **20**-851a.
Cyllene, anc. port, Gr. **6**-925d.
CYLLENE, mt., Gr. **6**-925d; *see also* Ziria.
Cylon (Athenian) **2**-610d.
— (philos.) **18**-802d.
—, Wis. [**24**-132 A4].
CYMA (arch.) **6**-925d; recta **15**-925d; fig. 5 **13**-123; reversa **15**-926a; fig. 5 **13**-123.
Cymanfa Cyfredinol (eccl.) **23**-292d.
CYMATIUM (arch.) **6**-925d.

CYMBALS (mus.) **6**-925d; keyed type **17**-892c; Roman **3**-373a.
CYMBALUM: *see* Chime-Bell.
Cymbalum Mundi (Des Périers) **7**-264d.
Cymbeline (Shakespeare) **20**-443b; **8**-582a fol.; source **15**-771d.
Cymbidieae **16**-849d.
Cymbidium Alexanderi Pl. fig. 4 **16**-ORCHID.
Cymbopogon (bot.) **23**-74b.
Cymdeithasfa (Welsh synods) **23**-292d.
Cyme, Asia M. **14**-516a.
—, Gr. **14**-634c.
—, It.: *see* Cumae.
CYME (bot.) **6**-926a; **9**-408d.
Cymene (chem.) **21**-951c.
— aldehyde **4**-829c.
Cymmer, val., Wales **19**-268d.
Cymophane (stone): *see* Chrysoberyl.
Cymose umbel (bot.) **9**-408d.
Cymotrichous (anthro.) **18**-867d; **6**-57d; **11**-78d.
Cymric Celts **4**-645a.
Cymru: *see* Wales.
Cynaegirus (Gr. sol.) **1**-260a.
Cynaelurus jubatus (animal): *see* Cheeta.
Cynaethus (of Chios): *see* Cinaethus.
Cynanche parotidaea: *see* Mumps.
Cynanchum: *see* Mosquito-plant.
Cynara Cardunculus (plant): *see* Cardoon.
— Scolymus: *see* Artichoke.
Cynaxa (battle, 401 B.C.) **5**-773a.
Cynddelw (Welsh bard) **23**-506d.
Cynegetica (Gratius) **5**-775d.
Cynegetica (Nemesianus) **7**-342d.
Cynegetica (Oppian) **16**-815c.
Cynegeticus (Xenophon) **23**-837c.
CYNEGILS (West Saxons) **6**-926a; **8**-482b.
Cynetes (people) **2**-256d.
CYNEWULF (Wessex k.) **6**-926b; **23**-520d.
CYNEWULF (poet) **6**-926b.
Cynfeirdd (anc. Welsh priest): *see* Bard.
Cynfelin, Sarn, Cardiganshire, Wales **4**-852d.
Cynghanedd (alliteration) **23**-507c.
Cynicht, mt., Wales **4**-891d.
CYNICS (philos.) **6**-926d; **17**-745d; **20**-920b; Antisthenes **2**-80b; asceticism **2**-499d; cynosanges **11**-20c; Diogenes **7**-394c; ethics **8**-762b; **8**-765a fol.; Megarian school **15**-214b fol.; Socratics **20**-920a; Stoics **21**-429a.
Cynipidae (insects) **12**-11d.
Cynipoidea (insect) **12**-11d.
Cynips insana (insect) **9**-989a. Kollari **9**-989a.
Cynisca (zool.) **10**-66a.
Cynodesmus (fossil) **4**-901a.
Cynodictis (fossil) **4**-901a; **6**-667d.
Cynodon (fossil) **4**-901a.
— Dactylon (bot.): *see* Bermuda grass.
Cynodontia (fossil) **19**-187a.
Cynodont reptiles **14**-976c.
Cynogale: *see* Otter-civet.
Cynogalinae **4**-898b.
Cynoglossidae (fish) **9**-325a.
Cynoglossum (bot.) **3**-893a, **11**-802c.
— grande: *see* Western hound's-tongue.
— officinale: *see* Hound's-tongue.
— virginianum: *see* Comfrey, wild.
Cynognathus (fossil) **19**-184c; skull fig. 9 **19**-189.
Cynolebias **6**-930d; **9**-318b.
Cynomorium coccineum (plant): *see* Malta fungus.
Cynomys, Cynourus ludovicianus (rodent): *see* Prairie-dog.
Cynonycteris collaris (bat): *see* Collared fruit bat.
Cynopithecus niger (zool.): *see* Black ape.
Cynopithecus nigrescens: *see* Baboon; *see also* Black crested baboon.
Cynopterus (bat.) **5**-598b.
— minutus fig. 11 **5**-597.
Cynosarges (Athens) **11**-20c; map **2**-605a.
CYNOSCEPHALAE, BATTLE of 6-927d; **9**-355a; **19**-486d; plan il. **6**-928.
Cynoscion regalis (fish): *see* Weakfish.
Cynossema (battle) **17**-454d; **22**-161b.
Cynosura, penin., Gr. **2**-660d.
CYNOSURE (astron.) **6**-928c; *see also* Ursa Minor.
Cynosurus cristatus: *see* Dog's tail; Crested dogs-tail.
CYNOTHERAPY 6-928c.
Cynric (k.) **23**-520b; **11**-137d; **23**-641c.
Cynthia (courtesan) **18**-584b.
—, Miss. [**24**-119 B3].
Cynthia (Barnfield) **3**-124a.
Cynthia (Propertius) **8**-344a; **18**-584d.
Cynthia moth (silkworm) **20**-670a.
Cynthiana, Ky. [**24**-116 F2].
—, O. [**24**-125 B4].
Cynthia's Revels (Jonson) **13**-143b.
Cynthio, Lycidas **7**-594c.
Cynthius (au.): *see* Giraldi, Giovanni B.
Cynthus, mt., Delos. **7**-172d.
Cynwulf (poet): *see* Cynewulf.
Cyon: *see* Dog, wild; Dingo.
Cyon dukhunensis (dog): *see* Dhole.
Cyparissia, mts., Gr. **15**-304d.
CYPERACEAE (herb) **6**-929b; fig. 1a **6**-929; **10**-652e fol.; **10**-656a; **18**-169d.
Cyperus: *see* Cyperaceae.
— esculentus (agri.): *see* Chufa.
Cyperus Papyrus (bot.) **4**-381c; **6**-929c.
— syriacus **17**-248a.
Cyphellae (bot.) **14**-30c.
Cypher: *see* Cipher.
Cyphers, Minn. [**24**-134 D4].
Cyphonautes (zool.) **18**-196c.
Cyphophthalmi **2**-207b.
Cypraea (zool.) **10**-61a; **10**-66 B.C.
— annulus: *see* Ring cowry.
— arabica (mollusc) Pl. I. fig. 1 **15**-MOLLUSCA.
— aurantium: *see* Cowry.
— moneta (zool.): *see* Cowrie; *see also* money cowry.
— tigris (zool.): *see* Cowry.
CY-PRES (law) **6**-929d.
Cypress, Fla. [**24**-115 C1]; Pl. I. fig. 1 **9**-FLORIDA.
—, Ill. [**24**-129 D6].
—, Ind. [**24**-127 A5].
—, La. [**24**-121 A2].
—, isl., Wash. **19**-950a.
—, lake, Fla. [**24**-115 G3].
—, lake, Que., Can. [**24**-89 A2].
—, lake, Sask., Can. [**24**-91 D4].
CYPRESS (trees and shrubs) **6**-930a; **7**-422d; funebris **6**-930b; Italy Pl. VIII. **13**-LANDSCAPE ARCHITECTURE; Lebanon **13**-853a; U.S. map **22**-730.
— Bayou, riv., Ark. [**24**-120 D2].
— Chapel, Va. [**24**-110 G4].
Cypress Chest, The (Annensby) **19**-756b.
Cypresse Grove, The (Drummond) **7**-680d.
Cypress Hills, mts., Sask., Can. 91 D4.
—, plat., Can. **20**-3a.
— Cemetery (Brooklyn, N.Y.) **4**-256d.
— Inn, Tenn. [**24**-117 D2].
— Lawsoniana: *see* Port Orford cedar.
— macrocarpa: *see* Monterey cypress.
— Mill, Tex. [**24**-123 E4].
— mistletoe **15**-615c.
— nootkaensis: *see* Nootka Sound Cypress.
— swamp, Del. **7**-151d.
Cyprestes, Os, cemetery, Port. **14**-197c.
Cypria (legend) **11**-693d; **17**-113c.
Cypria (Stasinus) **21**-337b.
CYPRIAN, SAINT (Caecilius Cyprianus, called Thascius) (bp.) **6**-930c; **4**-947b; **5**-671b; baptism **3**-84a; eucharist **8**-795b; New Testament **3**-516c; Synods of Carthage **4**-948a.
— (Rom. writ.) **21**-974c.
Cyprian (Benson) **3**-415c.
Cyprian (lang.) **2**-235a; **10**-825b; **11**-689b.
Cyprian Lays (Stasinus) **10**-833d.
Cyprina islandica (animal) **18**-80d.
Cyprine (min.) **12**-70d.
Cyprinidae (zool.) **4**-906b; **9**-315d; angling **1**-940b; *see also* Carp; Dace.
Cypriniformes (fish) **9**-315d.
CYPRINODONTS (Cyprinodontidae) **6**-930d; **9**-318a fol.
Cyprinoidea (fish) **9**-315b.
Cyprinus Carpio (fish): *see* Carp.
Cypriote syllabary (palaeog.) **6**-932d; **12**-305a.
Cypripedium (bot.): *see* Orchids.
— acaule: *see* Moccassin-flower.
— Argus Pl. fig. 5 **16**-ORCHID.
— californicum: *see* California lady's-slipper.
— Insigne Sanderae Pl. fig. 6 **16**-ORCHID.
— montanum: *see* Mountain lady's-slipper.
— parviflorum: *see* Yellow lady's-slipper.
— reginae: *see* Showy lady's-slipper.
Cypris (zool.) **16**-959a; carapace type fig. 4 **6**-800.
Cyprium (met.): *see* Copper.
Cyprothemis (Pers.) **7**-166d.
CYPRUS, isl., Medit. [**24**-58 E5; **24**-3 N3; **24**-179 M8]; **6**-931a; map **1**-209; administration **6**-932a; criminal law **6**-716b; Museum, Nicosia **6**-933d; salt production **19**-900a; terra-cotta **21**-955d; vineyards **23**-655b.
—: *Archaeology:* Aegean remains **1**-210b; bearded Aphrodite **2**-98d; bronzes **4**-241c; Etrusc. **8**-787c; excavations **6**-933d; numeral system **16**-611d; treasure **20**-688b.
—: *History:* **6**-780d; **6**-932b; **6**-933d; Barnabas and Saul **3**-118c; Barsbai **8**-86a; Diadochi wars **7**-305b; Egyptian relations **18**-732a fol.; Frederick II. **6**-789c; Graeco-Persian Wars **10**-591c; Hellenism **11**-403c; Latin Kingdom **6**-785c fol.; Lusignan dynasty **14**-489d; Nasi **16**-125b; Phoenicians **17**-769c; Rom. Emp. map **19**-501 (J51); Venetian acquisition **23**-64c.
—, **CHURCH OF 6**-935a.
— Convention **2**-379d.
— turpentine **17**-964b; **21**-946c; **22**-630a: *see also* Chian.
Cypselid (rulers) **10**-767d.
CYPSELUS (Tyrant of Corinth) **6**-935b; **6**-432c.
Cypsilurus californicus (fish): *see* Catalina flying fish.
Cyptobranchus scheuchzeri (fossil) **6**-807b.
CYRANO DE BERGERAC, Savinien 6-935b.
Cyrano de Bergerac (Rostand) **9**-801a; **19**-568d; stage settings Pl. VI. figs. 1-4 **21**-STAGE DESIGN.
Cyrena (zool.) **8**-633b; **13**-623a.
Cyrenaic (pottery) **18**-341d.
CYRENAICA, dist., N.Af. **6**-935d; archae. **1**-317a; hist. **22**-483d; Ptolemies **18**-732a fol.; Rom. Emp. map **19**-501 (G5).
CYRENAICS (philos.) **6**-936c; **17**-745d; Aristippus **2**-346c; hedonism **11**-377c; Socratics **20**-920a.
Cyrene (myth.) **2**-344c.
CYRENE, anc. capital, Cyrenaica **6**-937d; **1**-317a; Apollo temple **1**-317a; il. **6**-937; Battus **3**-223c; **3**-218d; coinage **16**-616d; foundation **1**-318d; history **18**-732a; pottery **18**-341d; Rom. Emp. map **19**-501 (G5).
—, Ga. [**24**-114 B6].
—, Mo. [**24**-141 F2].
Cyriacus (Ancona) **2**-604a.
— (Nubia) **7**-528b.
Cyriaxburg, citadel, Ger. **8**-683b.
CYRIL, SAINT (bp. of Alexandria) **6**-939a; **10**-431c; **14**-1000b; martyr worship **19**-820a; Nestorianism **8**-644b; **16**-245d fol.; religious revolts **8**-78a.
—, **SAINT** (bp. of Jerusalem) **6**-939b; **5**-41b; Athanasian Canon **3**-514d; eucharist **8**-795d; on relics **19**-101b.
— (bp. of Turov) **19**-751d.
CYRIL (Slav apostle) **6**-939c; **15**-361c; **15**-595c; **20**-791c, **4**-362b; Glagolitic alphabet **19**-435b; Moravia **15**-790a; trans. church books **20**-356c; *see also* Constantine.
—, Ala. [**24**-118 A3].
—, Fla. [**24**-115 F2].
—, Okla. [**24**-143 E4].
Cyril and Methodius, Order **13**-436d.
CYRILLIC (alphabet) **6**-939c; fig. 1 **1**-678; fig. 6 **1**-683; **1**-684d; **19**-435b; **20**-356d; Yugos. **23**-916c.
CYRILLUS (the Great, Gr. jurist) **6**-939c.
Cyringceaster: *see* Cirencester, Glos., Eng.
Cyrop (k.): *see* Smerdis.
Cyropaedia (Xenophon) **6**-940a; **17**-571b; **23**-837a; **21**-741d.
Cyrti (people): *see* Kurds.
Cyrtia exporrecta (brachiopod) Pl. fig. 11 **3**-BRACHIOPODA.
Cyrtograptus shales (geol.) **20**-679b.
Cyrtolites (zool.) **10**-68c.
Cyrtopodieae (orchid tribe) **16**-849c.
Cyrtorhinus mundulus (insect) **7**-916a; **8**-625c; **11**-420b.
CYRTO-STYLE (arch.) **6**-939c.
CYRUS (two Persian k.) **6**-939d.
— the Great **4**-655a; **10**-768d; **17**-567a; ancestry **1**-120d; Astyages **2**-592b; Babylonia **2**-857b; Babylonia **2**-852c; Bactria **2**-911a; Chios **5**-592d; Croesus **6**-735b; date **3**-512d; date **5**-655b; Ecbatana **7**-884b; Graeco-Persian Wars **10**-590b; Mesopotamia **15**-296b; Pal. **17**-126b; Pasargadae **17**-349c; Persian Empire **6**-939d; Thymbra **22**-173c fol.; tomb **17**-563a; **23**-526a.
— the Younger, army **2**-396b; **2**-397a; and Artaxerxes II. **2**-448b; biography **6**-940b; Cunaxa **6**-866b fol.; Euphrates bridge **4**-140a; Maced. **15**-296c; Peloponnesian War **17**-455a; Tissaphernes **22**-247c; Xenophon **23**-836c.
— (patriarch) **8**-78c.
—, Minn. [**24**-135 C6].
—, riv., Pers. **17**-949d; map **17**-548 (C1); Rom. Emp. map **19**-501 (M3).
Cysoing, Fr. [**24**-25 J1].
Cyssell, David: *see* Seyceld, D. ap R.
Cyst (biol.) **18**-627c.
— (med.) **22**-542d; bone **3**-846d; breast **14**-756a; dysentery **4**-932a; ovary **11**-39b.
Cystamine (chem.) urotropin **22**-902b.
Cysteine (chem.) **6**-941a.
Cystic duct (anat.) **14**-229b.
Cysticercus (zool.): *see* Bladder-worm.
Cystic fissure fig. 4 **14**-230.
— ovary (med.) **11**-39b.
— tumour **11**-39b.
Cystidean (zool.) **4**-645c.
— Limestone (geol.) **16**-872.
Cystids (fossils) **20**-680b.
Cystignathidae (zool.) **1**-837d.
CYSTINE (chem.) **6**-940d; **7**-357d; proteins **16**-650b; sulphur **21**-544c.
Cystitis (med.) **22**-900a; bladder **3**-689b fol.
Cystocarp (bot.) fig. 4, F **1**-599.
Cystocele (med.) **11**-36c.
Cystococcus (plant): *see* Trebouxia.
CYSTOFLAGELLATA (animals) **6**-941a.
Cystoidea (fossil) **6**-898d; fig. 14 **7**-899.
CYSTOLITH (bot.) **6**-941a.
Cystophora cristata (animal): *see* Hooded seal.
Cystoscope (med. instru.) **13**-317a; **22**-899d.
Cystospora batata (fungus) **20**-934a.
Cytase (chem.) **9**-924b.
— (bac.): *see* Complement.
CYTHERA (Cerigo), isl., Gr. [**24**-54 C4; **24**-9 L6]; **6**-941a; Aphrodite **2**-98b; Peloponnesian War **17**-452d.
Cytherea (zool.) **8**-632a.
Cythereis mucronata (zool.) fig. 2 **16**-959.
Cythren (mus.): *see* Cittern.
CYTISINE (chem.) **6**-941b.
Cytisus, scoparius (bot.): *see* Broom.
— Adami **13**-560d.
— Laburnum: *see* Laburnum.
— nubigenus: *see* Retama.
Cytochrome (blood) **3**-743b.
— (chem.) **3**-591c; **6**-72d.
Cytolechus (zool.) **15**-617d.
CYTOLOGY (biol.) **6**-941b; figs. 1-26 **6**-943-947; **3**-615b; **15**-824a; chromosome hypothesis and heredity **6**-946b fol.; **6**-948b; fungi **9**-924b; plant cells Pl. figs. 1-15 **18**-PLANTS; sex determination **6**-945b; tissue culture **22**-249c; invert. embryol. **12**-550d.
CYTOPLASM (biol.) **6**-950c; **6**-942b fol.; **6**-949c; **18**-617a; nucleoplasm **19**-170b; protozoa **18**-621a; *see also* Cytology; Protoplasm; Cell.
Cytoplasmic division (embryol.) **8**-975b.
Cytoryetes vaccinae (med.) **20**-816c.
— variolae (med.) **20**-816c.
Cytosin (chem.) **13**-798c.
Cytostome (anat.) **18**-622b.
Cytotaxis (biol.) **12**-552d.
Cyvarwyddyd (Welsh lit.) **23**-505d fol.
Cywydd (verse form) **23**-507c; **6**-971d.
CYZICENUS (arch.) **6**-950c.
CYZICUS, anc. town, Mysia, Asia M. **6**-950c; currency **16**-617d; "Great Mother" worship **10**-733a; Miletus **15**-479c; Thrasybulus **22**-161b.
Czajkowski, Michael **18**-165b.
Czambel, S. **20**-799b.
Czar (plum) **9**-880b fol.
Czardas (dance): *see* Csárdás.
Czarna Hora, mt., Poland **21**-313d.
CZARNIECKI, STEPHEN 6-950d; Cossack war **18**-141d.
Czarnków, Pol. [**24**-40 C2].
Czartak (Pol. lit. group) **18**-166c.
Czartoryski, Adam Casimir, prince **6**-951a.
—, **ADAM GEORGE**, prince **6**-951a; **18**-145d; Vienna, Congress **23**-143a.
—, Constantine **6**-951a.
—, **FRYDERYK MICHAL** prince **6**-951c; **18**-143c.
—, Witold **6**-951c.
—, Wladyslaus **6**-951c.
Czar und Zimmermann (Lortzing) **14**-398a.
Czaslau (battle): *see* Chotusitz.
CZECH (people) **6**-951d; Austria **2**-760c; **2**-763c; name **6**-962c; Renaissance **3**-785c.
— **LANGUAGE AND LITERature 6**-962c; **20**-799a; **3**-783d; **6**-963c; drama **7**-618c; geog. div. **20**-788d fol.; Polish lang. **18**-161c fol.
— Masaryk University, Brno, Czech. **7**-1004d.
CZECHOSLOVAKIA, rep. Eur. [**24**-50, 51; **24**-39; **24**-9 J3; **24**-178; **24**-3 M2]; **6**-952c; flag Pl. **9**-FLAG; formation **2**-770b; frontiers (1919) map **6**-952; newspapers **16**-353c; peasant movement **17**-426d; Presbyterianism **18**-445c; Socialist Democratic Labour party **20**-894c; temperance movements **21**-919b; beet sugar **3**-816d; potatoes **18**-331a; walnuts **23**-311c; LaTène **13**-738a; tapestry **21**-802d; mod. painting **17**-64Dc; economics **6**-955c; insurance **16**-149b, widows and orphans **16**-151b; education **7**-1004c; blind **3**-720c; **3**-728b; classics **5**-769c; technical **21**-869c; forest area **9**-502a; cut **9**-504a; capital punishment **4**-810c; corn law **6**-451c; press **18**-456d; venereal disease **15**-181b; antimony **2**-69c; coal **5**-876a; **5**-895a fol.; mines **17**-865a; ethnol. and anthro. **8**-781a; geog. **10**-138c; libraries **14**-15c; math. **15**-76a; museums **15**-1003d; zool. **23**-974c; hours of labour **11**-805c; trade unions **22**-387b; **22**-389a.
—: *Army:* **2**-415d; air forces **22**-707a; compulsory **6**-954c; Masaryk **15**-9d; machine

guns **20**-810d; strength **2**-416b; uniforms **22**-706a.
CZECHOSLOVAKIA: *Commerce:* barley **10**-607c; cotton **6**-523c; foreign trade **6**-956d; **10**-249c; Gr. Brit. **10**-714a; maize **10**-607b; Poland **18**-131d; rye **10**-608b; Switz. **15**-849b; statistics **22**-351c; wheat **10**-606a; Yugoslavia (1927) **23**-921c.
—: *Communication and Transportation:* air service **16**-726b; Elbe river **3**-126c; inland water **12**-365d; Rys. **18**-918c; Ry. electrification **18**-930a; telephone **21**-903a.
—: *Constitution and Government:* **6**-956d; anti-war treaty **16**-973b; Edward Beneš **3**-403a; electoral statistics **8**-134b; National Assembly **6**-959c; National Council **15**-9d; **20**-351b; payment of members **17**-409b; representation **19**-167b; Ruthene terr. **15**-571a.
CZECHOSLOVAKIA: *Finance:* capital levy **4**-809c; currency **18**-504c; natl. debt **16**-143c; savings banks **20**-17d; statistics **6**-953c; taxation **21**-847a; war debts **12**-462d; **22**-742a; World War **12**-466b; **23**-344a.
—: *History:* **6**-957b; **21**-976c; Austrian agreement **14**-220b; independence **6**-959b; It. treaty **12**-827c; Little Entente **14**-219d fol.; Masaryk government **8**-874d; Moravia **15**-789d; minorities **15**-567a fol.; Paris Conference **17**-299c; Poland **17**-300d; **18**-150c; republic **18**-414d; Russ. revolution **19**-736a; Spaa agreement **21**-105b; treaty of Lana **2**-772d; treaty of St. Germain **2**-771c.
CZECHOSLOVAKIA: *Industries:* aluminium **1**-718a; beads **3**-251d; books **3**-876b; carpets **4**-918c; china-clay **7**-842b; china **5**-550d fol.; cotton cloth **6**-557a; earthenware **7**-843b; glassware **3**-953b; **10**-405a; **19**-808c; gloves **10**-440a; motor cars **15**-898c; salt **19**-900a; sci. mgmt. **20**-126a; sugar **21**-528b; sulph. acid **21**-547a.
CZECHOSLOVAKIA: *Population:* **6**-953a; illiteracy **12**-94c; urbanization **22**-894a; U.S. immigration **1**-404c; **15**-468b; World War refugees **19**-58c.
Czegled Hung. [**24**-51 F3].
Czehryń, Russ.: *see* Chigirin.
Czekanowskia (fossil) **17**-84a.
Czeklers (people) **19**-638c.
CZENSTOCHOWA, Pol. [**24**-40 D3]; **6**-967a; jute trade **18**-130d; monastery **6**-967a; **18**-142a; Swedes **5**-282b.
Czermak, J. N. (sci.) **23**-235a.
Czerniakow, Pol. **23**-374a.
Czernicheff (dipl.) **8**-713c; **20**-393c.
CZERNIN, OTTOKAR, count **6**-967a; **2**-769c; **8**-872d fol.; Brest-Litovsk **4**-94d; Erzberger **8**-698c.
CZERNOWITZ, Rum. [**24**-53 D1; **24**-9 M3]; **6**-967c; **4**-354d; **14**-463d; **22**-872c.
CZERNY, KARL **6**-967d; **2**-874d; **14**-203a.
Czersk, Pol. [**24**-40 D2].
Czerski, Johann **10**-209b.
Czesky Krumlov, Czech.: *see* Krumlov.
Czesznek, Daniel, Esterházy: *see* Esterházy (of Czesznek).
Czigany (people): *see* Gypsies.
Czolbe, H. **17**-755c.
Czolgosz, Leon **14**-591d.
Czortkow, Pol. [**24**-41 G4].
Czyżewo, Pol. [**24**-40 F2].

D

D (letter) **6**-968a.
d. (abbrev.) **1**-24b.
D (mus.) **6**-968b.
D. A. (com.) **3**-576d.
Da, Fr. Equat. Af. [**24**-82 C1].
Daaden, Ger. [**24**-38 C3].
Daaguam, riv., Que. [**24**-89 C2].
Daasnas, Nor. [**24**-43 C7].
DAB (fish) **6**-968c; **9**-324d.
Daba, el, Egy. [**24**-79 B1].
Dabakala, Iv. Cst. [**24**-80 D4].
Dabber (tool) **8**-749a.
DABCHICK (bird) **6**-968c; **8**-6a; *see also* Little grebe.
Dabeocia (shrub): *see* St. Dabeoc's heath.
Daberas, S.W.Af. [**24**-81 B3].
D'ABERNON, EDGAR VINCENT, 1st viscount **6**-968c; **8**-65d.
—, Sir John **4**-245b.
Dabhan, Arab. [**24**-62 C4].
Dabhoi, India **12**-223c; city gate (arch.) Pl. V. fig. 3 **12**-INDIAN ARCHITECTURE.
Dab 'ī, Ed. riv., Trans-jordan. [**24**-60 E4].
Dabinsk, U.S.S.R. [**24**-49 E5].
Dabiša, Stephen: *see* Stephen II.
Dablon, Que. [**24**-89 B1].
Dabney, Ark. [**24**-120 C2].
—, Ind. [**24**-127 C3].
—, N.C. [**24**-112 G1].
Dabo, mt., Togo. **22**-267c.
Da Bocca do Monte, Braz.: *see* Santa Maria.
Daboecia polifolia (bot.): *see* St. Dabeoc's heath.
Dabola (snake) **23**-178b.
Daboll, C. L. **14**-100d.
Dabormida (gen.) **12**-813d.
Daboya, Go. Cst. [**24**-80 D4].
D'ABRANTES, DUCHESSE la: *see* Junot, Laure.
Dabrowa, Pol. [**24**-40 D3].
Dąbrowica, Pol. [**24**-41 H3].
Dabsheh, Pal. [**24**-60 C1].
Dabus, riv., Af. **16**-453c; map **1**-71.
DA CAPO (mus.) **6**-968d; aria **2**-340d; **2**-871a.
Dacca, div., India **6**-969b; **3**-405a; **7**-861c.
—, dist., India **6**-969a.
DACCA, India [**24**-66 C2; **24**-64 H4]; **6**-968d; **7**-861c; university **4**-564b; **6**-969a fol.
— muslin **22**-4a; **16**-27a.
Dacciesole, Jacopo: *see* Cessolis, Jacobus de.
DACE (DARE, DART) (fish) **6**-969c; angling **1**-940c.
Dacelo gigas (bird): *see* Laughing jackass.
Daceloninae **13**-395b.
DACH, SIMON (Ger. poet) **6**-969c; **10**-223a.
D'Ache, Caran (cartoonist): *see* Ache, Caran d'.
Dachi (k.) **10**-196d.
Dachrieden, Ger. [**24**-38 F2].
Dachshund (dog) **7**-497b; Pl. III. fig. 9 **7**-DOG.
Dachstein, mt., Aus. **19**-916b.
Daci (tribe) **10**-317c; **6**-969c.
DACIA, dist., Eur. **6**-969c; mines **10**-783c; Rome **19**-505d; map **19**-501 (G2); Trajan **22**-395d; Vlachs **2**-985a; **23**-229a.
— Aureliani, prov., Moesia. **6**-970a.
DACIER, ANDRE **6**-970b.
—, Anne Lefèvre **9**-790d.
DACITE (pitch stone) (petrol.) **6**-970c; **1**-907c; **17**-971d.
Dacke, Nils **21**-643d.
DACOIT **6**-970c; **4**-147a; suppression **20**-792a.
Daco-Rumanian (dialect) **19**-652d.
DA COSTA, ISAAK **6**-970c.
—, N.J. [**24**-105 B3].
D'Acqs, Fr.: *see* Dax.
Dacre, Lady Anne: *see* Arundel, Anne H.
—, lady Elizabeth **4**-27a.
—, H. B. W. Brand: *see* Hampden, H. B. W. Brand, 1st viscount.
—, Thomas Lennard: *see* Sussex, Thomas Lennard, earl of.
—, arms fig. 6 **11**-469.
— of Gilsland, arms fig. 1 **11**-457.
— of the North arms fig. 1 **11**-457.
—, Ont. [**24**-90 D2].
Dacrydium Franklinii (bot.): *see* Huon pine.
Dacrydium laxifolium (bot.) **11**-26c.
Dacryomycetes (fungi) **9**-927d.
DACTYL (prosody) **6**-970d; **23**-96a; **12**-28d.
Dactylis, Dactylis glomerata (plant): *see* Cock's-foot.
Dactylopius coccus (insect) **5**-940b; *see also* Cochineal insect.
Dactylopteridae **9**-323c; **9**-324a.
Dactylopterus (fish): *see* Flying gurnard.
Dactyloscopia **12**-562b.
Dactyloscopidae **9**-322c.
Dactylozooid (zool.) **12**-3d.
Dacus, Tex. [**24**-123 G4].
Dacusville, S.C. [**24**-113 B2].
Dad, Wyo. [**24**-146 E4].
Dadaism (art) **17**-63d.
Daddy-long-legs (insect): *see* Crane-fly.
Dade, co., Fla. [**24**-115 H6]; **15**-404b.
—, co., Ga. [**24**-114 A2].
—, co., Mo. [**24**-140 D4].
— City, Fla. [**24**-115 F3].
Dades, riv., Mor. [**24**-78 C2].
Dadeville, Ala. [**24**-118 D3].
—, Mo. [**24**-140 D4].
Dādhīshō' (catholicus of Seleucia) **21**-722d.
Dadiassi (tribe) **2**-504c.
Dadio, Gr. [**24**-54 C3].
DADO **6**-970d; **13**-124b.
Dadou, riv., Fr. [**24**-26 F4].
Dadoxylon (fossil) **1**-298d.
Dadu (leader) **6**-970d.
DADU PANTHIS (sect) **6**-970d.
Dady, Fla. [**24**-115 B1].
Daedala, Asia M. **14**-512d.
— (festival) **11**-453c; **5**-726d.
— mt., Asia M. **14**-512c.
Daedalea (fungus) **9**-923d.
DAEDALUS (myth.) **6**-971a; altar **1**-706c; labyrinth **13**-561b.
— (of Sicyon) (sculp.) **6**-971b.
Daedalus hyperboreus (Swedenborg) **21**-653c.
— reef (lighthouse), Red Sea **14**-89d.
Daegsastan (battle) **1**-274c.
Daemonorops draco (plant): *see* Rattan Palm.
DAENDELS, HERMAN WILLEM **6**-971b; **14**-711b; Bandung **3**-28b; Batavia **3**-198c; **3**-199c; Jav., **12**-978d.
Daer (unfree) **4**-85c.
DAET, P.I. [**24**-73 B3]; **6**-971b.
Daēva (myth.) **23**-987d.
Daey, Martin **19**-118d.
Daffas, 'Iraq [**24**-61 C4].
DAFFODIL (plant) **6**-971c; il. **6**-971; **16**-118a; farming **9**-416c; varieties **11**-776a; yellow daffodil **1**-728d.
"Daffodil" (ferry-boat) **3**-342c fol.
Dafina, dist., Fr. W.Af. [**24**-80 D3].
Dafi, Tib. [**24**-66 C1].
Dafla (tribe) **6**-971d.
DAFLA HILLS, dist., India **6**-971d.
Dafr, Leo **8**-295c fol.
Dafter, Mich. [**24**-130 G3].
DAFYDD AB GWILYM (poet) **6**-971d.
Dāgaba (arch.): *see* Stūpa.
Dagan (myth.): *see* Dagon.
Dagana, Sen. [**24**-80 A2].
Dagandan, Austr. [**24**-171 L2].
DAGARI (people) **6**-971d.
Dagbamba (Af. tribe): *see* Dagomba.
Dagberry Gate, Eng. [**24**-17 D4].
Dagda, Latvia [**24**-47 D2].
Dagelet, isl., Jap.: *see* Matsu Shima, isl., Jap.
Dagestan, rep., U.S.S.R.: *see* Daghestan, rep., U.S.S.R.
Dagg (fire-arm) **17**-965a.
Daggah Bur, Aby. map **1**-71.
DAGGER (weapon) **6**-972a; **2**-249b; il. **6**-972: Egyptian **8**-51b fol.; Pl. XIII. figs. 2, 4 **8**-EGYPT; Minoan Pl. I. figs. 1, 2 **4**-BRONZE.
Daggets, Ill. [**24**-128 C1].
Daggett, co., Utah [**24**-152 E2].
—, Ark. [**24**-120 D2].
—, Calif. [**24**-155 E5].
—, Mich. [**24**-130 D4].
—, Pa. [**24**-107 E2].
Dagging (clothing) **7**-654c.
Daggs, sd., N.Z. [**24**-173 A6].
DAGHESTAN, rep., U.S.S.R. [**24**-49 G6]; **6**-972c; **5**-56b.
— (carpet) **19**-626b; fig. 26 **19**-626.
DAGIS: *see* Caste.
Daglösen, Swed. [**24**-45 F2].
Daglum, N.Dak. [**24**-136 A3].
Dagmar, Marie S. F. (Russ. emp.): *see* Marie Feodorovna.
— (Den.) **6**-754d.
—, Mont. [**24**-144 F1].
Dagmersellen, Switz. [**24**-30 D2].
DAGNAN-BOUVERET, PASCAL A. J. **6**-973c.
DAGO **6**-973d.
—, isl., Est.: *see* Hiiu Maa, isl., Est.
— (tribe) **7**-57c fol.
DAGOBERT I. (Frankish K.) **6**-973d; **10**-256a; **19**-826c.
Dagobert (patriarch of Jerusalem) **6**-776c; **3**-787c; **10**-461d.
Dagobert (archbp. of Pisa): *see* Dagobert (patriarch of Jerusalem).
Dagobert chair **4**-242d; il. **5**-191.
Dagoli (Indian caste) **4**-985b.
Dagomba, Go. Cst. [**24**-80 D4].
DAGOMBA (tribe) **6**-974a; **22**-267d.
DAGON (myth.) **6**-974a; **11**-364a; **15**-295a.
Dagor (lens) **17**-824d.
D'Agoult Mme. (Fr. writ.) **19**-933a.
Dagsboro, Del. [**24**-109 D2].
Dagsburg, Fr. [**24**-25 N3].
Daguerches, Henry **9**-802b.
DAGUERRE, LOUIS Jacques Mandé **6**-974b; **17**-800c.
Daguerreotype (phot.) **6**-974b; **17**-800c fol.; **17**-834d fol.; Claudet **5**-779a.
Dagun, Pal. [**24**-60 B4].
DAGUPAN, P.I. [**24**-73 B2]; **6**-974c.
Daguscahonda, Pa. [**24**-106 C2].
Dagus Mines, Pa. [**24**-106 C2].
DAHABEAH (boat) **6**-974c; **8**-68b.
Dahae (Pers. tribe) **17**-565d fol.; **17**-611c; map **17**-548 (D1).
Dahan Scythians (tribe): *see* Parni.
Dahana, desert, Arab.: *see* Nefud, Little, desert, Arab.
Dahanu, India [**24**-67 B3].
Dahis (Turk. mil. chiefs) **20**-343c.
DAHL, HANS **6**-974c.
—, **JOHANN K. C.** **6**-974d.
—, **MICHAEL** **6**-974d.
DAHLAK, isl., Erit. [**24**-184 H4]; **6**-974d; **8**-689b.
DAHLBERG, ERIK J., count **6**-974d; **5**-282d; **21**-645d.
Dahlen, Ger. [**24**-39 H2].
—, N.Dak. [**24**-136 G1].
Dahlgren, Fredrik August **21**-658a; **7**-617d.
Dahlgren, Ill. [**24**-129 D5].
—, **JOHN ADOLF** **6**-975a.
—, **KARL FREDRIK** **6**-975b; **21**-657c.
Dahlia, Ont., Can. [**24**-90 D2].
DAHLIA (bot.) **6**-975b.
— coccinea: *see* Single dahlia.
— Juarezi: *see* Cactus dahlia.
— maximiliana il. **6**-975.
Dahlke, Paul **4**-327b.
Dahllite (min.) **15**-529a.
DAHLMANN, FRIEDRICH Christoph **6**-975d.
DAHLSTJERNA, GUNNO **6**-976b; **21**-656a.
Dahme, Ger. [**24**-39 J2].
Dahme, riv., Ger. [**24**-39 J1].
Dahmer, W.Va. [**24**-111 D3].
Dahn, Constance **6**-976c.
—, **JULIUS S. F.** **6**-976c.
Dahna, desert, Arab. [**24**-180 C6]; **2**-173b.
Dahni Murghi, India [**24**-65 D1].
DAHOMEEN (people) **6**-976d.
Dahomi (tribe, Fr. W.Af.) **9**-831c; **23**-522b.
DAHOMEY (DAHOME), colony, Fr. W.Af. [**24**-80 E3 and 4; **24**-76 D5; **24**-3 M4]; **6**-976d; cults **20**-370d; customs **7**-15b fol.; France **1**-327a.
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Dahomey, Krumen of (tribe): *see* Mina.
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Dahshūr, Egy. **8**-70b; pyramids **18**-793a.
Dahur (lang.) **22**-886d.
Dā'ī (title) **2**-553d.
Daia (Rom. emp.): *see* Maximinus II., Galerius Valerius.
"Daiakujō" Pl. III. fig. 4 **16**-NO DRAMA.
"Daibutsu" (Jap. image) **12**-932b.
Daidalos (Gr. art.) **6**-684b.
Daier, mts., Sud. **13**-484d.
Daigahara, Jap. [**24**-75 L6].
Daigle, Me. [**24**-96 D1].
Daigo (Jap. emp.) **12**-933a.
Daiguiri, Cu. **6**-837a.
Dai Han, country, Asia: *see* Korea.
Dai Ichi Ginko Kabushiki Kaisha (Jap. bank): *see* First Bank of Japan.
Daikwan (title) **12**-916a.
Dailamītes (dynasty) **19**-917a.
DAIL EIREANN: *see* Irish Free State.
Dailey, Colo. [**24**-147 H1].
DAILLE (Dallaeus), JEAN **6**-979d.
Daillon, Jean de **14**-417a.
Dailly series (geol.) **20**-680c.
Daily Chronicle **16**-338c.
Daily Chronicle Investment Corporation Trust (Eng.) **16**-345c.
Daily Citizen (Lond.) **13**-554b.
Daily Courant (Lond.) **16**-335c
Daily Express (Lond.) **16**-339a; **17**-424b.
Daily Graphic (Lond.) **16**-343a.
Daily Herald (Lond.) **8**-544b; **16**-339b, **22**-373a.
Daily Mail (Lond.) **16**-339a; **16**-342d; Paris edition **16**-351b; Northcliffe **16**-526b; Rothermere **19**-573b; Berrys **3**-461d.
Daily Mail Trust, Ltd. (Lond.) **16**-343d.
Daily Mirror (Lond.) **16**-342d; **16**-526c; **16**-344a.
Daily Mirror (New York) **16**-358c.
Daily News (Lond.) **7**-334b.
Daily News (Chicago) **16**-357b; **13**-804a; **5**-451c.
Daily News and Westminster Gazette **16**-338c.
Daily Post **16**-341c.
Daily Record (Lond.) **19**-573b.
Daily Sketch (Lond.) **16**-343a.
Daily Telegraph (Lond.) **16**-337a; **16**-338a; Nineveh expedition **20**-829a; Berrys **16**-344d; Worseley **4**-379a.
Daily Tribune (Chicago) **5**-491c.
Daily Universal Register (Lond.): see *Times, The.*
Daimanji-mine, peak, Oki, isls. **16**-754b.
Daimiel, Sp. [**24**-32 E3]; **5**-732d.
Daimios (nobles) **15**-216b.
Daimler, Gottlieb **12**-505c; **15**-880d.
— Airways Ltd. (Eng. co.) **2**-802a fol.
— engine **12**-505c fol.; **18**-386b; boat **15**-878c; motor-car **15**-898a.
— -Knight engine **12**-508d.
Daimon (Gr. rel.) **10**-116c.
Daimyō (title) **12**-940b fol.; **12**-913c.
DAINGERFIELD, ELLIOTT **6**-979d.
—, Tex. [**24**-123 G3].
Dainichi (myth.) **12**-967a.
Dai Nihonshi (Jap. hist.) **12**-943b.
Daīra commission (Egy. fin.) **8**-64a.
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Daire (k. Oriel) **17**-384a.
— Calgaich (monastery, Ire.) **6**-75b.
DAIREN (Dalny), China **6**-979d; Pl. III. fig. 5 **5**-CHINA; **11**-183b; Japan **5**-543a.
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Dair-magh (monastery, Ire.) **6**-75b.

Dairsie, Fife, Scot. 6-870c.
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— FARMING (agri.) 6-980a; agistment 1-349d; cattle 1-412b fol.; fig. 20 1-418; 5-47c; map 1-411; contagious abortion 1-57c; co-operative 1-360b; 1-414b; England 10-728a; 1-421b; United States 9-89a; 23-680a; *see also* Cattle; Cheese.
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Daisy, Ark. [24-120 B3].
—, Ill. [24-128 B3].
—, Miss. [24-119 D5].
—, Mo. [24-141 H4].
—, Tenn. [24-117 F2].
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Daka, S. Rhod. [24-81 D1].
—, riv., Go. Cst. [24-80 D4].
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—, Gebel, mts., Egy. [24-79 B1].
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—, basin, Tun.: *see* Suk-el-Arba.
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Dakin, Henry Drysdale (physic.) 6-985b.
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Dakka, Egy. [24-79 C3].
Dakkeh, Nubia 16-584d.
Dako, cape, Celebes, Mal. Arch.: *see* Kandi, cape, Celebes.
Dakota, co., Minn. [24-135 E7].
—, co., Neb. [24-139 H2].
—, Ga. [24-114 C5].
—, Ill. [24-128 C1].
—, Minn. [24-135 G8].
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—, EUGEN FRANCIS Charles (Anglo-Fr. mus.) 6-986b.
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—, lake, Swed. 23-41d.
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—, DAVID 6-986b; 10-396d.
—, ROBERT W. (Eng. cler.) 6-986c.
—, T. P. (chem.) 5-394c.
—, co., Ala. [24-118 D4].
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—, Fr. [**24**-25 L4]; **20**-284d.
Dampierre-sur-Salon, Fr. [**24**-25 L4].
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—, riv., N.C. **16**-520d.
DAN, Pal. **7**-11c; *see also* Tell-el-Kadhi.
—, riv., Va. [**24**-110 E4].
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— Edward S. (Am. sci.) **7**-13a; **21**-252c.
DANA, FRANCIS (Am. jurist) **7**-12a.
DANA, JAMES DWIGHT (Am. sci.) **7**-12c.
—, John C. (Am. educ.) **2**-488d; **16**-274a.
—, Richard H. (Am. au.) **5**-476a; **7**-12b.
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—, Ill. [**24**-128 D3].
—, Ind. [**24**-126 A3].
—, Mass. [**24**-98 B1].
—, N. Dak. [**24**-136 D3].
—, W.Va. [**24**-111 B3].
—, Wyo. [**24**-146 F4].
—, inlet, B.C. [**24**-92 C4].
— College (Neb.) Blair **16**-182d.
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—, Wis. [**24**-132 A3].
"Danbury Hatters' Case" (Am. law suit) **7**-13c.
DANBY, FRANCIS (Eng. paint.) **7**-13c.
—, James Francis (paint.) **7**-13c.
—, Thomas (paint.) **7**-13c.
—, **T. O., EARL OF:** *see* Leeds.
—, Calif. [**24**-155 F5].
—, Eng. **17**-989a.
—, Mo. [**24**-141 G3].
—, Vt. [**24**-97 B3].
DANCE (Eng. fam.) **7**-13c.
—, James (alias): *see* Love.
DANCE **7**-13d; ballad in relation to **2**-995b; ballet **2**-998a; ceremonial Pl. IV. fig. 3 **2**-AUSTRALIA; Egypt **8**-38a; **8**-60b; Eurythmics **8**-821b; folk-dancing **9**-444c; folk-song, relation to **9**-448a; history **7**-15a; Indian rel. and court dances Pl. V. figs. 1-5 **6**-DANCE; jazz music **7**-23d; make-up Pl. I. figs. 1-12 **14**-MAKE-UP; modern **7**-22d; **7**-736c; national Pl. III. fig. 1 **2**-BALKANS; primitive **7**-14a; religious **7**-14c; suite **21**-534b; *see also* Ballet; Morris dance; No Dance Drama.
"Dance, The" (Carpeaux) **20**-214b.
Dance-Holland, Sir Nathaniel, bart. (paint.) **7**-13d.
"Dance of Death" (Holbein) **1**-898d; il. **11**-636.
— (paint.) **3**-183b.
— (lit.) **14**-542c.
Dance of Death, The (play, Strindberg) **21**-474d.
"Dance of Death Series" Pl. II. fig. 3 **23**-WOODCUTS AND WOOD ENGRAVING.
Dancer, Mrs.: *see* Barry, Ann Street.
Dance-rhythm **19**-273c; **16**-13a.
Dancer of the Burning Ground (god): *see* Siva.
Dances (heraldry) **11**-462d.
Dancetty (heraldry) **11**-462d.
Danchenko, V. N. (Russ. dram. producer) **7**-608a; **21**-313d.
Dancing: *see* Dance.
"Dancing" Carpeaux, Jean Baptiste Pl. V. fig. 3 **20**-SCULPTURE TECHNIQUE.
Dancing dervishes (rel.) **7**-242a; il. **7**-241.
"Dancing Laconian Maidens" — (Callimachus) **4**-618a.
Danckelmann, Eberhard **4**-33c; **11**-630c.
DANCOURT, F. C. (Fr. act. and dram.) **7**-24a; **9**-788a.
—, Manon (Fr. act.) **7**-24b.
—, M. A. (Mimi) (Fr. act.) d. of F. C. Dancourt **7**-24b.
Dancy, Miss. [**24**-119 C2].
—, Wis. [**24**-133 D5].
Dancyville, Tenn. [**24**-117 B2].
Dandaraga, Austr. [**24**-168 B5].
Danda rāsa (dance): *see* Stave dance.
Dande, bay, Ang. [**24**-82 B4].
DANDELION (herb) **7**-24b; **23**-475a; **6**-184b; fig. 44 **9**-412; leaf fig. 4 **13**-826.
Dandenong, Austr. [**24**-171 G6].
Dandi Dasnamis (Indian mendicants) **15**-245d.
Dandie dinmont **7**-497a.
DANDIN (Sanskrit writ.) **7**-24c; **19**-970c.
Dandi of ten names (Indian mendicant order): *see* Dandi Dasnamis.
Dandiprat (coin) **7**-25b.
Dandis: *see* Dandi Dasnamis.
DANDOLO (It. fam.) **7**-24c.
—, Andrea (It. comm.) **7**-24d; **18**-174b.
—, Enrico (doge of Venice) **7**-24c; **23**-62b; **19**-437a; **12**-793a; **12**-369d.
—, **VINCENZO,** count (chem.) **7**-25a.
Dandridge, Tenn. [**24**-117 H1].
Dandridge Town, Pa.: *see* Washington.
Dandu Panth: *see* Nana Sahib.
DANDURAND, RAOUL (Can. states.) **7**-25b.
DANDY (fop) **7**-25b.
— -horse (bicycle) **3**-543c.
— -roll (paper mfr.) **23**-424b; **17**-232c.
— roving frame (mach.) **20**-676a.
Dane, Sir Louis (Brit. dipl.) **1**-290d.
Dane, co., Wis. [**24**-133 D6; **24**-133 D6]; **14**-613a.
—, riv., Eng. [**24**-16 D1; **24**-13 B4]; **5**-423a.
Danebrog: *see* Dannebrog.
DANEGELD (tax) **7**-25c; **8**-952a; **23**-315c.
Danehof (assembly) **7**-208c.
DANELAGH, (Eng. hist.) **7**-25c; **8**-483b.
Daneo, Paul Francis (R. C. cler.): *see* Paul of the Cross, St.
Danès, Pierre (Fr.) Calvin, relations with **4**-631b.
—, isl., Arct. [**24**-4 A11]; map **2**-295 (M2).
Dane's Cast (earth-work, N. Ire.) **2**-376a.
— graves (Yorks.) **3**-147a.
Danes invasions of British Isles **8**-467b; **2**-84d; **15**-266a; **16**-994a; **8**-7a; **12**-595c.
— rampart: *see* Dannewerk.
Daney (Bulg. states.) **20**-347d; **4**-366a.
Danevirke (rampart): *see* Dannewerk.
Danewort (bot.): *see* Dwarf elder.
Dañi, Abraham (b. Jacob) (Samaritan writ.) **19**-919c.
Dan Fodio, Othman: *see* Othman Dan Fodio.
Danforth, Asa (Am. pioneer) **21**-713d.
—, C. (Am. inv.) **21**-230d.
—, Samuel **3**-880d.
—, Ill. [**24**-128 E3].
—, Me. [**24**-96 E3].
—, S. Dak. [**24**-137 F2].
—, hills, Colo. [**24**-147 B1].
Danfuskie, isl., S.C. [**24**-113 D4].
Dangalli, Fr. W. Af. [**24**-80 C2].
Dange, riv., Fr. [**24**-24 F5].
Dangeau, marquis de (1638-1720) **7**-324a.
Danger, isl., Pac. O. [**24**-174 E6].
—, pt., N.S.W., Austr. [**24**-171 L2; **24**-192 E2].
—, pt., Vict., Austr. [**24**-170 E7].
— ball (in croquet) **6**-752a.
DANGERFIELD, THOMAS (Eng. conspirator) **7**-26a; **20**-196b; **10**-862d.
Dangerous Drugs Act (1920, Eng.) **7**-676a; **17**-693c; **2**-431b.
— Drugs and Poisons Amendment Act (1923, Eng.) **7**-676a.
— **TRADES** **7**-26b; *see also* Workmen's compensation.
Dangha Varma (Indian rajah) **4**-382c.
Dangme-chu, riv., Bhutan **3**-496b.
Dango, A. E. Sud. [**24**-79 A6].
Dangra Yum Tso, lake, Tib. [**24**-68 D5].
Dangrek, mts., Cambodia [**24**-71 B3]; **4**-638b.
Dāngris (caste) **4**-985d.
Dangs, dist., Brit. Ind. **21**-589b.
Dañh-gbi (Af. god) **20**-371a.
Dänholm, isl., Ger. **21**-450b.
Dania, Fla. [**24**-115 H5].
Danian strata (geol.) **6**-672, 673; **8**-632d.
Daniassi (W.Af. tribe) **2**-504c.
Daničić, G. (philol.) **20**-357c.
DANIEL (prophet) **7**-27d.
— (Galicia) **9**-976b; **19**-713c.
— (Moscow) **19**-714a.
—, Père (Jesuit au.) **13**-11d.
DANIEL (DANIL) of Kiev, Russian writer **7**-30b.
DANIEL, ARNAULT **7**-30c; **18**-639a; **20**-377d.
—, François **4**-631a.
DANIEL, GABRIEL (Fr. hist.) **7**-30c.
—, Henry (Scot. art.) **8**-749a.
—, John (Eng. mus.) **7**-30d.
DANIEL, SAMUEL (Eng. writ.) **7**-30d; **8**-578b fol.; **7**-343a.
Daniel (A.S. poem) **4**-518a.
Daniel (mystery play) **9**-781c.
—, Apocalypse of (bibl. apocrypha) **2**-104d; **2**-102d; **2**-61c.
—, Book of (O T.) **7**-28a; additions to **7**-30a; (bibl.) **13**-52d; **3**-504c; eschatology **2**-60a; Messianic **15**-305c.
—, Ga. [**24**-114 E5].
—, Wyo. [**24**-146 B3].
—, mt., Tenn. [**24**-117 G2].
Daniel al-Qūmisī (Heb. au.) **11**-359a.
Daniel Baker college (Brownwood, Tex.) **4**-280c.
— Boone, Ky. [**24**-116 C3].
Daniel Boone Trail map **11**-552; *see also* Boone Way.
Daniel Deronda (nov. G. Eliot) **8**-359b. **23**-955a.
Daniel Guggenheim Experimental Laboratory (Calif.) **13**-901a.
Daniele (of Cremona) **12**-738b.
DANIELL, JOHN FREDERIC (Brit. sci.) **7**-31b; **3**-214c.
—, Samuel (engr.) **7**-31c.
Daniell, E. T. (etch.) **7**-691d.
—, G. (Brit. fencer) **9**-440c.
—, J. (Eng. footballer) **9**-478a.
DANIELL, THOMAS (paint.) **7**-31c.
—, William (engr.) **7**-31c.
— cell (elec.) **8**-326d; **7**-31b; **8**-143a; **22**-84a.
— dew-point hygrometer (phys.) **7**-31b.
Daniellia thurifera (tree): *see* Frankincense tree.
Daniels, Charles M. (swimmer) **21**-668a; **21**-665c.

DANIELS, JOSEPHUS (pol.) **7**-31c.
—, Mary W. **20**-995d.
—, co., Mont. [**24**-144 F1].
—, Ida. [**24**-145 F7].
—, Wash. [**24**-150 F4].
—, cr., Nfd. [**24**-93 B1].
— Kuil, Cape Col. [**24**-81 C3].
Danielson, Conn. [**24**-101 E1].
Danielssen, Daniel C. **16**-67a.
Danielsville, Ga. [**24**-114 C2].
DANIEL WEBSTER HIGHway (U.S.) **7**-31d.
—, Pa. [**24**-107 F3].
Daniglacial moraine (geol.) **5**-826b.
Danil (Russ. travel-writ.): *see* Daniel.
Danilevsky, N. **17**-189b.
Danilo, (Monten. crown prince) **15**-757d fol.
— (Serb. archbp.) **20**-356d.
— Petrović (of Njegoš) (k. of Monten.) biog **15**-756d.
—, Order of **13**-439a.
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—, U.S.S.R. [**24**-48 F3].
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Danioninae (fish) **9**-315d.
Danish Association for National Language and Literature **7**-35d.
Danish code of Valdemar II. **6**-213d.
—, str., Can. [**24**-86 J1].
— *kada* (period.) **17**-610b.
DANISH LANGUAGE AND Literature 7-31d; language **16**-559b; **20**-49c; **16**-558a; **19**-660a; fig. 13 **19**-663; *see also* Teutonic; Drama **7**-616b; "periodical" **17**-516d; *see also* Icelandic literature.
Danishmend of Sivas **3**-787c; **6**-777a; **20**-309d.
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— *-nāma-i 'Alā'ī* (Avicenna) **17**-608a.
— plaice-seine (fishing net) **20**-286d.
— radio council **4**-209c.
— War (1864) **7**-214d; **8**-860a.
— West Indies ceded to U.S. **7**-216a; *see also* Virgin Islands.
Danites (bibl. people) **13**-171a.
Dankhar, India [**24**-65 D2].
DANKL, VIKTOR, FREIherr Von (Aus.-Hung. gen.) **7**-36a; Asiago **2**-533d; Vistula-San **23**-216a.
Dan Koon (Korean ruler) **13**-488b.
Dankov, U.S.S.R. [**24**-49 E4].
Dankrât (myth.) **13**-502d.
Danmark: *see* Denmark.
—, fjord, Green. **2**-301a; **10**-857d; map **2**-295 (I1) and (J2).
"Danmark" (ship) **2**-301a.
DANNAT, WILLIAM T. (Am. art.) **7**-36a.
Dannebrog, Neb. [**24**-139 F3].
— (Dan. flag) **9**-343d.
—, Order of the (Dan.) **10**-889a. **13**-436d.
DANNECKER, JOHANN Heinrich Von 7-36a.
Dannemora, N.Y. [**24**-103 G1].
—, Swed. [**24**-45 G1; **24**-43 H6].
Dannenberg (Ger. fam.): *see* Brunswick-Wolfen bütter.
Dannenburg (Russ. comm.) **12**-362d.
Danner, Oreg. [**24**-151 H5].
— house (Staten I.,N.Y.) **18**-270b.
— process (glass making) fig. 25 **10**-417.
Dannevirke, co., N.Z. [**24**-172 E4; **24**-172 F4].
DANNEWERK (DANEWERK or Danneverke) (rampart) **7**-36b; **7**-208a.
Dan-no-ura, battle of (1185) **12**-933c.
DANNREUTHER, EDWARD (Ger. mus.) **7**-36c; **17**-339b.
D'Annunzio, Gabriele (It. writ.): *see* Annunzio, Gabriele D'.
Dano (lake) Java **3**-79b.
Danovici, Pavel (Rum. trans.) **19**-654c.
"Dan Patch" (race-horse) **11**-770c.
Dans, mt., Md. **9**-875d.
Dansa (poem) **18**-639d.
Danse basse (dance) **7**-15d.
— des Gavots: *see* Gavotte.
— macabre, la (lit.): *see* Dance of death.
Dansen (Jap. tax) **12**-935a.
Danser, Simon **3**-97a.
Danses hautes **7**-15d.
"Danseuses à la Barre, Les" (paint., Degas) sales price **2**-484d.
"Danseuse Sur la Scène" Hilaire Degas Pl. XVII. **17**-PAINTING.
Dan's Town, Pa.: *see* Danville.
Dansville, Mich. [**24**-131 G7].
DANSVILLE, N. Y. [**24**-102 C3]; **7**-36c.
Dantan, A. L. (sculp.) **7**-36d.
—, **JEAN PIERRE** (sculp.) **7**-36c.
—, J. E. (Fr. paint.) **7**-36d.
Dantas, J. **7**-594d.
DANTE (DURANTE), ALIghieri (It. poet) **7**-36d; il. **7**-37; **12**-740a; Aristotle's influence **2**-354d; Boccaccio **3**-767b; Botticelli illustrations **3**-952b; codici in Nazionale Centrale **14**-17a: Italian lang. **12**-736d; Latin writings **13**-755d; papacy **19**-414b; Pisa **17**-956a; portrait **18**-266a; Giotto **10**-364a; prose **18**-594c; revival of learning **19**-126a; Sordello **21**-1a, terza rima **21**-976b; Vergil **23**-182d.
"Dante Alighieri" **3**-223b.
—, Antonia **7**-37d.
—, Beatrice (nun) **7**-39a.
—, Girolamo (paint.) **22**-255c.
—, Jacopo **7**-37d; **7**-39a.
—, Pietro **7**-37d.
Dante and his Circle (trans., D. G. Rosetti) **19**-566d.
"Dante and Virgil" (paint., Delacroix) **7**-147b.
—, S.Dak. [**24**-137 F3].
—, Va. [**24**-110 B4].
Danter, John **5**-441d.
"Dante's Dream" (Rossetti) **19**-567a.
Danthiau **4**-529a.
Danthonia scabra **10**-653c.
Danti, Antonio **23**-4c.
—, Egnacio **4**-659d; **17**-800b; **23**-4c.
—, Vincenzo **19**-971b.
Dantidurga (Indian ruler) **18**-987b.
Dantiscus, Joannes (Pol. writ.) **18**-162c.
DANTON, GEORGES Jacques (Fr. rev.) **7**-41b; **9**-639b fol.; **4**-419b; **9**-808c; Desmoulins **7**-263b; portrait Pl. I. fig. 2 **9**-FRENCH REVOLUTION; Robespierre **19**-356c; J. M. Roland **19**-386c.
Danton (Rolland) **19**-388a.
Dantzig, Ger.: *see* Danzig.
—, cove, Nfd. [**24**-93 C3].
—, pt., Nfd. [**24**-93 B3].
Danu, lake, Mal. Arch. **14**-344d.
— (lang.) **4**-427d.
Danube, div., Württemberg **23**-816d.
Danube, Minn. [**24**-135 C7].
DANUBE, riv., Eur. [**24**-39 H5; **24**-50 C2; **24**-52 E2; **24**-53 D3; **24**-179 L7; **24**-186 E1]; **7**-43d; Balkans **2**-979c fol.; Bav. **3**-230c; statute (1921) **7**-45b; geology **10**-233c; **7**-44a; Hungary Pl. III. fig. 2 **11**-HUNGARY; **11**-898b; **21**-725c; inland water traffic **12**-365a; **12**-365c; International commissions **7**-45b; **3**-447c; Rumania **19**-636c; **19**-640b; Russo Turkish wars **19**-767d; Württemberg **23**-816d; Yugos. **3**-918d.
Danubian barley **14**-733c.
Danubians **8**-840d fol.
Danubia salmon: *see* Huchen.
Danubius, riv., Rom. Emp. map **19**-501 (H3): *see* Danube.
Danu Hassan (ruler) **11**-110c.
Danum, Brit. map **4**-160c.
Danurius, riv., Eur.: *see* Danube.
Danus (people) **13**-529c.
Danvers, Sir John **8**-365d.
—, Ill. [**24**-128 C3].
DANVERS, Mass. [**24**-99 D1]; **7**-46a.
—, Minn. [**24**-135 C6].
—, Mont. [**24**-144 D2].
Danversport, Mass. [**24**-99 D1].
D'Anville (Fr. cartog.) **2**-933a; **16**-456a.
Danville, Ala. [**24**-118 B1].
—, Ark. [**24**-120 B2].
—, Ga. [**24**-114 C4].
DANVILLE, Ill. [**24**-128 E3]; **7**-46b.
—, Ind. [**24**-127 B3].
—, Kan. [**24**-142 E4].
DANVILLE, Ky. [**24**-116 F3]; **7**-46c; school for deaf **7**-103a.
—, La. [**24**-121 B1].
—, Me. [**24**-96 B4].
—, Mo. [**24**-141 F3].
—, N.H. [**24**-97 C4].
—, O. [**24**-125 B4].
DANVILLE, Pa. [**24**-107 E3]; **7**-46c.
—, Que. [**24**-89 B3].
DANVILLE, Va. **7**-46d.
—, Vt. [**24**-97 B2].
—, Wash. [**24**-150 G2].
—, W.Va. [**24**-111 B3].
Danz (ballads): *see* Fornkvaedi.
Danzig, Pierre F. J. Lefebvre, duke of: *see* Lefebvre.
DANZIG, Free City of, Eur. [**24**-9 K2]; **7**-46d; air lines map **1**-463; boundaries map **7**-47; dockyard **7**-489d, free port **9**-740c; history **17**-300c fol.; **18**-140a; League of Nations on **13**-840b; Marienkirche **10**-546d; Poland, treaties with **18**-149c; party strength **20**-894c; university **7**-47d; Versailles treaty (1919) **23**-93d.
—, deep, Baltic Sea **2**-1015c.
—, N.Dak. [**24**-136 E3].
—-Polish Treaty (1920) **7**-47c.
— to Copenhagen (s.s. route) **24**-37 H1].
— to Stettin [**24**-37 G1].
— to Swinemünde [**24**-9 K2].
Daokoba, riv., India **3**-780d.
Daolatabad, Afg. map **1**-283.
Daoulas, Fr. [**24**-25 A3].
"Da Pacem, Domine" **12**-17c.
Dapedius (fish) **13**-194a.
Daphlas (tribe) **2**-552c.
DAPHNAE, fortress, Egy. **7**-48b.
Daphnaida (Spenser) **8**-344a.
DAPHNE (Gr. myth.) **7**-48c.
—, Ala. [**24**-118 B5].
—, Gr., monastery, fig. A, D **2**-150.
Daphne, Syr. **2**-70b; **2**-70d; **13**-52b.
DAPHNE (shrub) **7**-48c.
— Cneorum (shrub): *see* Garland-flower.
— indica (shrub) **7**-48d.
— japonica (shrub) **7**-48d.
— laureola: *see* Spurge-laurel.
— mezereum (shrub): *see* Mezereon; *see also* Spurgeflax.
DAPHNEPHORIA (Gr. festival) **7**-48d.
Daphne pontica **7**-48d.
Daphnetin (chem.) **6**-589b.
Daphni Gr., **15**-835b.
Daphnia (crustacean): *see* Waterflea.
Daphnici Mores **2**-70c.
Daphnin (chem.) **5**-385d.
DAPHNIS (Gr. hero) **7**-48d.
Daphnis and Chloë (Longus) **14**-383b; **6**-601a; **3**-875b.
Daphnis and Chloe (Russ. ballet) **2**-946d.
Daphnis und Phillis (poem, Gessner) **17**-361d.
Dapifer (title): *see* Seneschal.
Dapitan, P.I. [**24**-73 B4].
DA POLENTA (It. fam.): *see* Polenta, Da.
Da Ponte (writ.) **7**-529c.
Dapontes, Constantine (Gr. writ.) **10**-846c.
Dapping (angling) described **1**-939a.
Dapsang, mt., Asia: *see* Godwin-Austen.
Daption capensis (bird): *see* Cape-pigeon.
Daqīqī (Pers. poet) **17**-608a; **19**-916d.
D'Aquila, Don John (Sp. sol.) **16**-791d.
D.A.R. (abbrev.) **1**-24b.
—, Arab. [**24**-62 E4].
Dara (Mogul prince) **2**-694a.
Dārā, Mesop. **15**-298a.
—, Sud. **7**-57c.
DARAB, Pers. **7**-49a; **17**-551d.
Darab-gird, Pers.: *see* Darab.
Dar-Abu-Uma, A.E.Sud. [**24**-79 B5].
Daradae (people) **13**-290c.
Darafshan, riv., Afg. map **1**-283.
D'ARANYI, JELLY (Hung. violinist) **7**-49a.
DARAS, Asia M. **7**-49a; (battle, A.D. 530) **7**-49a; plan map **7**-49.
Daran, Egy. [**24**-79 C3].
Darayavaush (of Pers.): *see* Darius.
Darband, Kuh, mt., Pers. [**24**-63 D2].
Darbant, riv., C.As. **16**-1001a.
Darb-el-Mustakīm, Damascus **7**-2c.
DARBHANGA, India [**24**-66 B1; **24**-64 G3]; **7**-49d; map **3**-326.
D'Arblay, Alexandre (Fr. sol.) **7**-50d.
D'ARBLAY, FRANCES (Eng. nov.) **7**-50a; diary **7**-323d; novels **16**-574d; Mrs. Piozzi **17**-945b.
D'Arbonne, Bayou, riv., La. [**24**-121 B1].
DARBOUX, JEAN GASTON (Fr. math.) **7**-51b; calculus of variations **4**-563a.
DARBOY, GEORGES (archbp. of Paris) **7**-51c.
Darbun, Miss. [**24**-119 B4].
Darby, Abraham (Brit. engin.) **20**-588d fol.; **5**-912a; **12**-674d.
Darby, J. H. **12**-658c.
—, J. N. (cler.) **18**-93b.
—, Mass. [**24**-99 D2].
—, Mont. [**24**-144 A2].
—, N. C. [**24**-112 D1].
—, N. Dak. [**24**-136 E1].
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DARBY, Pa. **7**-51d.
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—, **GRACE H.** **7**-60d; **9**-95d.
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—, J. N. **4**-871d.
—, Sir Ralph **23**-513d; **2**-714c.
—, William **7**-60d.
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—, **SIR MATTHEW,** **7**-124c.
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—, Me. [**24**-96 D4].
Dedham, Wis. [**24**-132 A3].
DEDICATION **7**-129c.
—, Feast of (Jewish) **7**-129c.
DEDIFFERENTIATION (biol.) **7**-130c; **7**-141d.
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—, Oreg. [**24**-151 D3].
—, lake, Scot. **13**-414b.
—, riv., Ire. [**24**-20 E3].
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DEE, riv., Wales and England [**24**-10 C3; **24**-13 A4; **24**-16 C1; **24**-177 E4]; **7**-133c; **7**-198b; **9**-380b.
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— -act (philos.) **9**-218c.
— -box **19**-809c.
— de praesenti (Scots law) **23**-607a.
— of arrangement (law): *see* Arrangement, deed of.
— of grant (Eng. law): *see* Grant, deed of.
— -poll (law) **7**-133d; **12**-147d.
DEED REGISTRATION: *see* Title of Land.
Deedsville, Ind. [**24**-126 B2].
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Deem **7**-532b.
Deemer, Miss. [**24**-119 C3].
DEEMS, CHARLES (ALEXander) Force **7**-133d.
DEEMSTER (DOOMSTER) (Scot. of.) **7**-134a; **7**-532b.
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Deenbrook, Miss. [**24**-119 D2].
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—, bay, Can. [**24**-91 F2].
—, bay, P.I.: *see* Honda.
—, riv., N. Dak. [**24**-136 C4].
Deep (oceanography) **6**-330d; Pacific **17**-16d; Atlantic **2**-634d.
— arcuate fibres (anat.) fig. 3 **4**-10.
— Bay, Nyasaland, [**24**-83 F5].
— cervical glands **14**-523c.
Deepcreek, Colo. [**24**-147 C1].
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— River, Conn. [**24**-101 D2]; **20**-38d.
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Deep water zone (marine biol.) **14**-890 fol.
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—, cr., Md. [**24**-109 C1].
—, cr. Miss. [**24**-119 B2].
—, cr., O. [**24**-125 B4].
—, harb., Nfd. [**24**-93 D2].
—, harb., Trinity Bay, Nfd. [**24**-93 D3].
—, isl., Me. [**24**-96 D4].
—, mts., Can. [**24**-91 C2].
—, mts., Colo. [**24**-147 E3].
—, riv., Can. [**24**-91 H2].
—, riv., N.Y. [**24**-103 F1].
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Deer Creek, Ind. [**24**-127 B5].
— Creek, Minn. [**24**-134 D5].
Deere, John **15**-673c; **1**-375d.
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—, Ill. [**24**-128 E1].
—, Ind. [**24**-126 D2].
—, Kan. [**24**-142 A4].
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—, Mo. [**24**-140 C4].
—, N.H. [**24**-97 C3].
—, S.C. [**24**-113 C4].
—, S.Dak. [**24**-137 A2].
—, Wis. [**24**-133 D6].
—, riv., Mass. [**24**-98 B1].
— Street, N.J. [**24**-105 A3].
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Deer forests (Scot.) **20**-145d.
— -grass: *see* Meadow beauty.
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—, Ky. [**24**-116 F4].
—, Me. **18**-254c.
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—, mt., Austr. [**24**-168 D4].
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— Lake, Nfd. [**24**-93 B2].
— Lake, Ont., Can. [**24**-90 B2].
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— Lodge, Tenn. [**24**-117 G1].
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— Park, Wis. [**24**-132 A4].
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— River, N.Y. [**24**-103 E2].
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De Ferranti, S. Z. **8**-273b; **8**-285d.
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— payment plan: *see* Instalment selling.
— reflex (physiol.) **4**-6d.
— share **7**-450c; **20**-465a.
Deffand, Jean Baptiste de la Lande, marquis du: *see* Lande.
—, **MARIE A. DE VICHY-Chamrond,** marquise du **7**-137c; letters **9**-792d.
Défense et illustration de la langue françoyse **7**-698a.
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—, Ia. [**24**-138 B3].
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—, N.Dak. [**24**-136 B2].
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— diseases: (bot.) **18**-37c; (physiol.) **15**-194c; **23**-219d.
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—, Wis. [**24**-133 D6].
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De Garmendia, B. S. **13**-792a; **18**-873d.
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De Geer, G. (Swed. geol.) **2**-1015d; **10**-379c; **18**-834a.
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— (math.) **15**-81d.
Degeneracy (sociol.) **15**-182c.
Degenerate curve **6**-886a.
DEGENERATION (biol.) **7**-141c; **8**-926a; *see also* Dedifferentiation.
Degeneration (Nordau) **16**-486d.
DEGGENDORF Ger. [**24**-39 H5]; **7**-142a.
De Gids (period.) **13**-335c.
Degila, cape, Mal. Arch. [**24**-72 G3].
Degilbo, Austr. [**24**-169 D4].
Degli Uberti, Farinata **7**-37b.
Deglutition (physiol.) **7**-376b.
Dego (battle, 1796) **9**-816d.
DE GOEJE, MICHAEL JAN: *see* Goeje.
Degognia, Ill. [**24**-129 C96].
Degolia, Pa. [**24**-106 C2].
Degonia Springs, Ind. [**24**-127 A4].
DEGOUTTE, JOSEPH **7**-142a.
De Graff, Kan. [**24**-142 F4].
— Graff, Minn. [**24**-135 C6].
Degraff, O. [**24**-124 B3].
Degrasse, N. Y. [**24**-103 E1].
"De Grasse" (steamship) Pl. fig. 1 **16**-NAVIGATION.
Degreasing (of bones) **3**-844b.
DEGREE **7**-142b; abbrev. **1**-23a fol.; bachelor **2**-876c. Oxford and Cambridge **8**-936c fol.
Degree (geog.) **14**-811d; **18**-736b.
— (math.) **7**-142d; **6**-390d; **22**-471d; **6**-885d; **9**-576a.
De Grey, Hugh, 6th marquess of Hertford: *see* Hertford.
De Grey, S. Dak. [**24**-137 E2].
— Grey, riv., W. Aus., Austr. [**24**-168 B3; **24**-192 A2].
— Grey Station, W. Aus., Austr. [**24**-168 B3].
Degteva, U.S.S.R. [**24**-49 F5].
De Guade Malves, Jean Paul **8**-427a.
Deguise (gen.) **2**-89b.
De Harmonice Mundi (Kepler) **2**-584d.
Dehaven, Va. [**24**-110 F1].
"De Haviland" (airship) **2**-803c.
Deh Bid, mt., Pers. [**24**-63 C2].
Dehdadi, Afg. **15**-129c.
Deh Diz, Pers. [**24**-63 C2].
Dehebi, El (Mor. k.): *see* Ahmed IV.
De Heem, Cornelius, Pl. II. figs. 2, 4 **21**-STILL LIFE.
Dehesas (pastures) **1**-894a.
Deheubarth, princes of **17**-458d.
Dehiscence **9**-413d; **1**-925c.
Dehkan (tribe): *see* Dehwar.
DEHMEL, RICHARD **7**-142d, **10**-228c.
Dehn, Paul **17**-182a.
De Honte, riv., Holl.: *see* Scheldt, Wester, riv., Holl.
DEHRA, India **7**-143a.
Dehrad, Pers. [**24**-63 C3].
DEHRA-DUN, India [**24**-65 D2]; **7**-143b; **16**-31a; **20**-724b.
Dehwar (Pers. tribe) **3**-7b.
DEHYDRATION (chem.) **7**-143c; coal tar **5**-913a fol.: vegetables **8**-167a; milk **15**-488b; *see also* Desiccation.
DEHYDROGENATION (chem.) **7**-143c; reversibility **11**-979d.
Deianeira (myth.) **11**-481c.
Deichow, Ger. [**24**-39 L2].
Dei Consentes (colonnade, Rome) **19**-468b.
Deïdameia (myth.) **16**-220c.
Deidelsheim, Ger. [**24**-38 D4].
Deification (of kings) **14**-571a.
Deificatory sacrifice (rel.) **19**-801b.
Deiman, J. R. **16**-768d.
Deimos (astron.) **14**-964a.
— (myth.) **2**-312a.
Deim Zubeir, A. E. Sud. [**24**-79 B6; **24**-83 E1].
DEINARCHUS (orator) **7**-143c; **5**-773b.
Deinocephalia **19**-186c.
DEINOCRATES (arch.) **7**-143d.
— (of Syracuse) **20**-607d.
Deinomenid (dynasty) **20**-606c.
DEIOCES **7**-144a; **7**-884b.
— (Minni chief): *see* Dāyuku.
Deiopeia pulchella **13**-955b.
DEIOTARUS **7**-144a.
— Philadelphus **5**-227b.
Deiphobus (myth.) **11**-392d; **11**-701b.
Deipnosophists (Athenaeus) **20**-12d.
DEIR (DEIR EZ-ZOR), Syr. [**24**-59 H5]; **7**-144b.
—, ed, Trans-Jordan [**24**-60 D3].
DEIRA **7**-144c; **3**-457a; **16**-538c fol.
Deir Aban, Pal. [**24**-60 C4].
DEIRDRE **7**-144c; **12**-640d.
Deirdre of the Sorrows (Synge) **21**-709c.
Deirdre Wedded **22**-452d.
Deir ed-Dibban, Pal. **1**-184d.
— el-Bahri, Egy. **22**-45c, **8**-72b, Hatshepsut's temple **8**-107d; **22**-46a; Nebhepre's temple **8**-71a, obelisks **8**-108c; pottery **8**-52c; Pl. II. fig. 6 **8**-EGYPTIAN ARCHITECTURE.
— el Balah, Pal. [**24**-60 A5].
Deirmen Tepe, hill, Asia M. **20**-847b.
Deisen, N. Dak. [**24**-136 F3].
Deisi (tribe) **23**-291d.
DEISM **7**-144d; **6**-662c; **2**-976c; Abrahamites **1**-61a; metaphysics **15**-333c; theism **22**-46d.
DEISTER, hills, Ger. [**24**-38 E1]; **7**-145d.
Deist's Bible (nick.): see *Christianity as Old as the Creation* (Tindal).
Deiters, cells of **7**-824d.
Deity **12**-340d; Alexander **17**-758d; anthropomorphism **2**-59b; Averroes **2**-189d; Carneades **4**-894b; Epictetus **8**-647d; Epicurus **8**-649b; Hinduism **11**-577b; Judaism **13**-165a; **11**-364a fol.; **13**-38d; Locke **14**-274c; logos **14**-334d, Moham. **3**-185d; **15**-647d; pantheism **17**-190d; prayer **18**-419b; Speusippus **1**-88a; syncretism **21**-705d; tree **22**-446b; Xenophanes **17**-744b; Indian, Pl. fig. 1 **23**-YAKSAS.
Dej, Rum. [**24**-53 B2].
Dejaj Negusye: *see* Negusye, Dejaj.
Déjà vu (psych.) **1**-55d.
DEJAZET, PAULINE V. **7**-145d; **19**-998d.
Déjazets (acting) **7**-145d.
Dejaz Kassai **1**-76a.
Deje, Swed. [**24**-45 E2].
Dejection, Ode to (Coleridge) **6**-10c.
Déjeuner (meal) **7**-390b.
"Déjeuner sur l'herbe" (Manet) **12**-126b.
Dejnev, Simon: *see* Dezhnev, Simon.
Dek, isl., Afr. **21**-779a.
De Kaap, mt., Trans. **3**-99b.
—, valley, Trans. **16**-132a.
Dekabrist Conspiracy **16**-418a; **18**-783b; **16**-693c; **19**-720b.
Dekak (of Damascus) **6**-775b fol.
Dekala, Nig. [**24**-80 E3].
DeKalb, baron: *see* Kalb, Johann.
Dekalb, co., Ala. [**24**-118 D1].
—, co., Ga. [**24**-114 B3].
De Kalb, co., Ill. [**24**-128 D2].
Dekalb, co., Ind. [**24**-126 C1].
—, co., Mo. [**24**-140 C2].
—, co., Tenn. [**24**-117 F2].
DE KALB, Ill. [**24**-128 D2]; **7**-146a.
Dekalb, Miss. [**24**-119 D3].
—, Mo. [**24**-140 C2].
De Kalb, S. C. [**24**-113 D2].
Dekalb, Tex. [**24**-123 G3].
Dekanawida (tribe) **12**-684a fol.
De Kay, Helena: *see* Gilder, Helena.
Dekese, Bel. Cong. [**24**-82 D3].
De Keyser, Hendrik **7**-146a.
— **KEYSER, THOMAS** **7**-146a.
"De Keyser case" (Gt. Brit., 1920) **18**-439a; **6**-178b.
Dekina, Nig. [**24**-80 F4; **24**-82 A1].
Dekkan: *see* Deccan.
DEKKER, EDWARD D. **7**-146b; **7**-775b.
— **(DECKER), THOMAS** **7**-146c; **8**-583b; **7**-600c, Ford **9**-492d; Middleton **15**-452c fol.; Webster **23**-472d.
Dekkhan, dist., India **12**-217d.
Dekoa, Fr. Equat. Af. [**24**-82 C1].
Dekorra, Wis. [**24**-133 D6].
DE KOVEN, REGINALD **7**-146d.
Dekoven, Ky. [**24**-116 B3].
Del. (abbrev.) **1**-24b.
Dela, Arab. [**24**-62 D5].
Delabarre, E. B. **13**-558c.
DE LA BECHE, SIR HENRY T. **7**-146d.
Delabole, quarries, Corn., Eng. **6**-453d.
DELABORDE, HENRI F., count **7**-147a; **17**-466a.
Delabruyère, Jean: *see* La Bruyère, Jean De.
Delacroix, Eugène **18**-268a; **17**-57b.
—, **FERDINAND V. E.** **7**-147b; **16**-743d; Pl. XII. fig. 1 **17**-PAINTING.
—, La. [**24**-121 C3].
De la Croix, abbey, Staffs., Eng. **13**-868b.
Delafield, Ill. [**24**-129 D5].
Delafontain (sci.) **18**-986c.
DE LA GARDIE, JAKOB, count **7**-147c.
— **LA GARDIE, MAGNUS G.**, count **7**-147d.
DELAGE, YVES **7**-148a.
DELAGOA BAY, inlet, Port. E. Af. [**24**-81 E3; **24**-185 G8; **24**-3 N6]; **7**-148a; **2**-223c; railway **21**-58a; Trans. **22**-424a fol.; **22**-426d.
Delagua, Colo. [**24**-147 F4].
De la Harpe, Sieur Bernard **14**-221c.
Delahaye, Victor **4**-439d.
Delaherche, Auguste **18**-356d.
Delahunt, N.Dak. [**24**-136 A3].
DELAINE (fabric) **7**-148c.
Delainettes **7**-148d.
Delake, Oreg. [**24**-151 A3].
Delalah, co., N.S.W., Austr. [**24**-170 F2].
Delalande's fox **9**-573a.
De Lamar, Ida. [**24**-145 A6].
Delamar, Nev. [**24**-153 F5].
DE LA MARE, WALTER J. **7**-148d; **8**-599d fol.; **18**-111c fol.
DELAMBRE, JEAN B. J. **7**-148d.
DELAMERE, GEORGE Booth, 1st baron **7**-149a.
—, Henry Booth, 2nd baron: *see* Warrington, 1st earl.
— Forest, dist., Ches., Eng. **5**-423a.
De Lamere, N.Dak. [**24**-136 G3].
Delamere, Can. [**24**-90 B1].
Delamethérie, J. C. **14**-635c.
DeLancey, James **16**-388d.
— Lancey, N.Y. [**24**-103 F3].
— Lancey party (U.S.) **14**-447c.
Delanco, N.J. [**24**-105 B2].
DeLand, Henry A. **7**-149c.
Deland, Loren F. **1**-807a.
—, **MARGARETTA W. (Campbell)** **7**-149b; **16**-576c.
DE LAND, Fla. [**24**-115 G2]; **7**-149b.
— **LAND**, Ill. [**24**-128 D3].
DELANE, JOHN T. **7**-149c; **23**-316a.
Delaney, Ark. [**24**-120 B2].
DELANO, JANE A. **7**-149c.
—, Calif. [**24**-155 D5].
—, Minn. [**24**-135 E6].
—, Pa. [**24**-107 E3].
—, mt., Utah [**24**-188 D3]; **19**-369c.
DELANY, MARY G. **7**-149d; **7**-50d.
Delapidations Measure (1923, Eng.) **8**-475a.
Delaplain, Ky. [**24**-116 F2].
Delaplane, Va. [**24**-110 G2].
DE LA REY, JACOBUS H. **7**-150a; **21**-64c fol.
DE LA RIVE, AUGUSTE A. **7**-150a.
— la Rive, Charles G. **7**-150a.
Delaroche, F. **11**-319a.
—, **HIPPOLYTE (PAUL)** **7**-150b; **17**-52b.
—, Mazo (writ.) **4**-716d.
DELARUE, GERVAIS **7**-150c.
DE LA RUE, WARREN **7**-150c; **2**-589b; **8**-262d; celestial phot. **15**-779c; Oxford **16**-671d; **17**-835a.
Delatite, co., Vict., Austr. [**24**-171 G6].
DELATOR **7**-150d; **2**-82c.
Delatouche (ed.) **19**-932c.
—, Roland: *see* Lasso, Orlando.
Delatyn, Pol. [**24**-41 G4].
Delaunay, C. E. **15**-780d fol.
—, **ELIE** **7**-151a.
—, **LOUIS A.** **7**-151b.
—, Marguerite J. C.: *see* Staal, M. J. C., baronne de.
— **-BELLEVILLE, LOUIS** **7**-151b.
Delaval, Sir Ralph **3**-246c.
DeLaval wheel fig. 1 **22**-575; **18**-386c.
Delavan, Ill. [**24**-128 C3].
—, Minn. [**24**-135 D8].
De Lavaud transmission **15**-892a.
DELAVIGNE, J. F. CASIMIR (poet) **7**-151c; **7**-597b.
Delawanna, N.J. [**24**-105 B2; **24**-104 B3].
DELAWARE, state, U.S. [**24**-109; **24**-95 L3]; **7**-151c; corporation laws **7**-152b; fin. **15**-700a; **7**-157d; industry **7**-153d; government **7**-152a; **17**-408b; negroes **7**-155c; **7**-561d; **16**-195c; **7**-152c; products il. **7**-153d; roads map **7**-152; **6**-1b; whipping **6**-719a; **9**-385a.
—, co., Ind. [**24**-126 C2].
—, co., Ia. [**24**-138 F2].
—, co., N.Y. [**24**-103 E3].
—, co., O. [**24**-124 B3].
—, co., Okla. [**24**-143 J2].
—, co., Pa. [**24**-107 F4].
—, Ark. [**24**-120 B2].
—, Ind. [**24**-127 C3].
—, Ky. [**24**-116 C3].
—, N.J. [**24**-105 A2].
DELAWARE, O. [**24**-124 B3]; **7**-156b.
—, Okla. [**24**-143 H2].
—, bay, Del. [**24**-109 D1; **24**-105 A3]; **7**-157a; **11**-177b.
—, canal, Pa. **7**-876a.
—, park, Buffalo, N.Y. **4**-341c.
—, riv. Kan. [**24**-142 G2].
"Delaware" (battleship) **3**-223a.
DELAWARE, riv., U.S. [**24**-105 B3; **24**-107; **24**-103 E4; **24**-109 D1; **24**-189 L3; **24**-187 H4]; **7**-157a; **16**-307b; **22**-714d; N.Y. **11**-366d.
—, univ. of **7**-153c.
—, univ., Newark **23**-629b.
— and Ches. canal **7**-154c.
— and Hudson Canal Co. **14**-279b.
— **AND HUDSON CO., THE** (R.R.) **7**-156b; **18**-935d fol.
— City, Del. [**24**-109 D1]; **5**-422c.
— **INDIANS** **7**-156c; **12**-684b; **7**-154c; **16**-310d.
—, **LACKAWANNA AND Western Railroad Co., The** **7**-156d.
— Land Co. **23**-831c.
— River Bridge (U.S.) Pl. X. figs. 1-3 **4**-BRIDGES; CONSTRUCTION; **4**-128b; **4**-136d; **17**-705c.
— **WATERGAP**, Pa. [**24**-107 F3]; **7**-157b.
DE LA WARR (Delaware) (Eng. nobles) **7**-157b.
De La Warr, lord (expl.) **7**-154d.
DeLay, Miss. [**24**-119 C1].
Delayan, Wis. [**24**-133 E7].
Delay cap (blasting) **3**-710a.
Delbarton, W.Va. [**24**-111 A4].
Delboeuf, J. L. R. **18**-720d.
Delbono, E. (paint.) **17**-64 Dc.
Delbrel **9**-809b fol.
Delbrück, B. **17**-741c.
—, **HANS** (hist.) **7**-157d.
—, **RUDOLF VON** (states.) **7**-158a.
—, Ger. [**24**-38 D2].
Delcambre, La. [**24**-121 C4].
Delcassé, Suzanne **7**-160b.
—, **THEOPHILE** (states.) **7**-158b; **9**-655b; **23**-351d.
Del Ceppo (hospital) **7**-171c
Delchamps, Ala. [**24**-118 A5].
Delchef, André **23**-309b.
Delco, N.C. [**24**-112 G3].
Del Congreso, isl. Medit. **5**-188a.
DEL CREDERE (law) **7**-160b; **18**-498c.
Delden, Holl. [**24**-28 E2].
Deldoul, Sah. **22**-529c.
Dele, Kent, Eng: *see* Deal.
dele. (abbrev.) **1**-24a.
Deleanu, Ion Budai (writ.) **19**-655d.
Deleassé (dipl.) **4**-377d.
Deleb, riv., Af. **2**-932d.
De Leek, Holl. [**24**-28 E1].
Delegates, High Court of (Eng.) **18**-524c.
Deleitosa, Sp. [**24**-32 D3].
Déléle, Fr. Equat. Af. [**24**-82 B2].
Délégués cantonaux (educ.) **7**-998a.
Delemont, Switz. [**24**-30 C2]; *see also* Delsberg.
"Delenda est Carthago" (Shaftesbury) **20**-427c.
De Leon, D. **21**-707c.
—, Tex. [**24**-123 E3].
Delerio, Wash. [**24**-150 F2].
DELESCLUZE, LOUIS Charles (pol.) **7**-160b.
Delespine, Fla. [**24**-115 H3].
DELESSE, ACHILLE ERnest (geol.) **7**-160c.
Delesseria fig. 4, G **1**-599.
Delessert, Etienne **7**-160d.
—, **JULES PAUL BENJAmin** (fin.) **7**-160d.
Delevan, N.Y. [**24**-102 B3].
"Delfino" (submarine) **21**-492c.
Delfshaven, Holl. [**24**-28 C3].
Delft, Vermeer F. (artist), Pl. V. fig. 7 **17**-PAINTING.
DELFT, Holl. [**24**-28 C2]; **7**-161a; **18**-348b; **22**-215a; views Pls II., III., V. **11**-HOLLAND.
—, Minn. [**24**-135 C8].
— (pottery) Pl. VIII. fig. 1 **18**-POTTERY AND PORCELAIN; **18**-348d fol.; **7**-841d.
Delftsche Wonderdokter, De (Bosboom-Toussaint) **7**-775b.
Delfzijl, Holl. [**24**-28 E1].
Delfzyl, Holl. **10**-904a.
Delgado, Isaac M. **16**-322d.
—, cape, Port. E. Af. [**24**-83 H5; **24**-185 H7].
—, pt., Calif. [**24**-154 A3].
— Art Museum (La.) **16**-322d.
— Trades school (La.) **16**-322d.
Delgany, Ire. [**24**-20 E3].
Delgo, A.-E. Sud [**24**-79 C3].
Delhem, Swed. **10**-553c.
Delhi prov., India [**24**-64 E2].
Delhi, Ont., Can. [**24**-90 B3].
—, Colo. [**24**-147 F4].
—, Ia. [**24**-138 F2].
—, Ill. [**24**-129 B4].
DELHI, India [**24**-65 D3; **24**-64 E2; **24**-56 F6; **24**-3 P3], **7**-161b; **6**-689a; **18**-774b, Ahmad Shah **1**-433b; **12**-190b; college **7**-162b, Government House Pl. II. fig. 2 **10**-GOVERNMENTAL ARCH.; Great Mosque Pl. fig. 2 **15**-MOSQUE; iron pillar **12**-681d; legislative bldg. fig. 13 **10**-570; mutiny **12**-243c; **20**-833a; plans of **10**-570d; school of poets **11**-575a.
—, La. [**24**-121 C1].
— (Dilli), Timor, Mal. Arch. [**24**-72 G5].
—, N. Y. [**24**-103 F3].
—, Okla. [**24**-143 D3].
—, Tex. [**24**-123 F5].
Delhill, Pa. [**24**-106 B1].
D'Elhuyar (chem.) **22**-548a.
Deli, riv., Asia M.: *see* Pinarus.
Deli, Sum.: *see* Belawan.
Delia, Kan. [**24**-142 G2].
— (character) **22**-188d.
DELIA (fest.) **7**-164c.

Delia (S. Daniel) **7**-30d; **8**-578c.
DELIAN LEAGUE **7**-164c; **5**-708a; **10**-769c; **1**-841d; **10**-596a; Chios **5**-592d; Samos **19**-922c.
Deliberative States **5**-230a.
DELIBES, CLEMENT P. L. (comp.) **7**-167b.
Delichon urbica: *see* House-martin.
Delicious (apple) **2**-139b; **9**-885b.
Delict (law) **19**-453a.
Delight, Ark. [**24**-120 B3].
Delije Irmak, riv., Turk. [**24**-58 F3]; **9**-970d.
Delikli Tash, Asia M. **2**-536d.
DELILAH **7**-167c.
DELILLE, JACQUES (poet.) **7**-167c; **7**-257d; **7**-343b.
Deliming **13**-846d.
De Linde, riv., Holl. [**24**-28 D2].
Delinquency: *see* Criminology.
Deli Orman, Bulg. [**24**-53 D4]; **20**-657b.
DELIQUESCENCE **7**-167d.
Déliquescences d'Adoré Floupette, Les **21**-701a.
DELIRIUM **7**-167d; ferox **22**-649d; tremens **11**-106c; **12**-317d; **12**-388c.
Delis (troops) **8**-89d.
Delisle, G. (cart.) **14**-844b.
—, **JOSEPH NICOLAS** (astron.) **7**-168b.
—, **LEOPOLD VICTOR** (hist.) **7**-168b.
—, O. [**24**-125 A3].
De Lisle road (Bombay, India) Pl. fig. 2 **3**-BOMBAY.
Delitti e delle Pene (C. Beccaria) **3**-285c.
DELITZSCH, FRANZ (theol.) **7**-168c.
—, Friedrich **7**-168d; **19**-788d.
DELITZSCH, Ger. [**24**-39 H2]; **7**-169a.
DELIUM, BATTLE OF **7**-169a; **7**-192a; **17**-453c.
DELIUS, FREDERICK (comp.) **7**-169b.
—, **NIKOLAUS** (philol.) **7**-169b.
"Deliverance of St. Peter from Prison" (Raphael) **18**-984a.
Delivery (child): *see* Obstetrics.
— (law) **18**-406d; **19**-874b.
— hatchway **11**-818a.
— pipe **18**-85a.
— point (mil.) **21**-584c.
Delk, Pa. [**24**-106 D4].
Dell, Ark. [**24**-120 E2].
—, Fla. [**24**-115 E1].
—, Mont. [**24**-144 B3].
—, S. Dak. [**24**-137 H3].
Dell' Abbato, Niccolo (paint.): *see* Abati, Niccolo.
Della Bella, G. (pol.) **7**-37d; **9**-390a.
— **BELLA, S.** (engr.) **7**-169c.
— **CASA, G.** (poet) **7**-169c.
— Catena, Sir G. Strickland, count: *see* Strickland, Sir G.
— **COLLE, R.** (paint.) **7**-169d.
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— Fonte, J. (sculp.): *see* Della Quercia, J.
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— **ROBBIA** (fam.) **7**-170b.
— Robbia, Andrea, Pl. IV. fig. 7 **20**-SCULPTURE.
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— Rovere, G.: *see* Julius II. (pope),
— Scala, Alboino **23**-89d.
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Delle, Fr. [**24**-25 N4]; **3**-339c.
—, Utah [**24**-152 B2].
— Chiaje (natur.) **2**-959b.
Dellenbaugh **11**-201d.
Dellenbaugh, mt., Ariz. [**24**-149 B2].
Delli Abbas, 'Iraq [**24**-61 B2].
Dell Rapids, S.Dak. [**24**-137 H3].
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Dellroy, O. [**24**-124 D3].
Dellvale, Kan. [**24**-142 B2].
Dellville, Pa. [**24**-107 D3].
Dellys, Alg. [**24**-78 E1].
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Del Mar, Calif. [**24**-155 E6].
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—, Ia. [**24**-138 G3].
—, N.Y. [**24**-103 G3].
—, S.C. [**24**-113 C2].
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Delmedigo, E. **7**-172a; **11**-361d.
Delmedigo, J. S. (sci.) **7**-172a.
DELMENHORST, Ger. **7**-172a; **16**-765a.
Delminium, Aus. **6**-992b.
Delmonico (rest.) **19**-230b.
Delmont, N.J. [**24**-105 B3].
—, Pa. [**24**-106 B3].
—, S.Dak. [**24**-137 F3].
Del Monte, G. M.: *see* Julius III. (pope).
Del Mount, O. [**24**-125 C4].
Delmues, Nev. [**24**-153 F5].
Del Norte, co., Calif. [**24**-154 B2].
— Norte, Colo. [**24**-147 D4].
Deloach, Ga. [**24**-114 E4].
Deloit, Ia. [**24**-138 B2].
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DE LONG, GEORGE W. **7**-172b; **2**-298a.
— Long, Ind. [**24**-126 B1].
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— Long, isl., Arct. [**24**-4 A4].
— Long, isls., Arctic O. **16**-329b.
— Long, mts., Alsk. [**24**-156 H2].
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—, Selkirkshire, Scot. **8**-790b.
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Delores, co., Colo. [**24**-147 B4].
—, mt., Colo. [**24**-147 C4].
De Lorm, C. **10**-404d.
DELORME, M. **7**-172b.
DE L'ORME, P. (arch.) **7**-172c; **19**-139d; **16**-855b.
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DELOS, isl., Aeg.S. **7**-172d; map **1**-209; Apollo **2**-109d; archaeology **7**-172d; amphictyony **1**-841d; excavation **10**-794b; Greece **10**-754b; pirates (B.C.) **10**-785a; slave mart **20**-775b; statues **10**-806a; fig. 3 **10**-806; treasury **7**-165a.
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—, mt., Gr. **8**-791c.
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—, S.C. [**24**-113 C2].
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Delphine blue **7**-802a.
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Delphinidae cetacea: *see* Dolphin.
Delphinidin chloride **2**-28a.
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— cardinale: *see* Scarlet larkspur; Cardinal larkspur.
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— grandiflorum: *see* Bouquet larkspur.
— nudicaule: *see* Red larkspur.
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— virescens: *see* Prairie larkspur.
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—, Kan. [**24**-142 E2].
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Delray, Fla. [**24**-115 H5].
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Del Rey, Ill. [**24**-128 D3].
Del Rio, M. **22**-966c; **5**-361d.
— Rio, Ariz. [**24**-149 C4].
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—, res., N.Y. [**24**-103 E2].
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— (letter) "D" **6**-968a.
— (chem.) **5**-378d.
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Delta Aquarids (astron.) **15**-338d.
— deposit **10**-170a.
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— **RAYS** **7**-175c; **18**-895d.
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Deltidial plates (zool.) **3**-1000b.
Deltidium (zool.) **3**-1000b.
Deltoid dodecahedron **6**-814b.
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Demarcation disputes (econ.) **21**-468d.
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— almshouses (Derby, Eng.) **7**-237d.
— Club, The **5**-859c.
— colic **9**-456d.
— cream: *see* Clotted cream.
— cup-coral **2**-35a.
— House (Lond.) **14**-351d.
— Park (E. Sux., Eng.) **7**-858c.
— woody gall: *see* Marble gall.
Devonside, Scot. **5**-751c.
Devorguilla de Baliol **2**-978b; **20**-157c.
Devorguilla's bridge, Dumfries, Scot. **7**-729d.
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—, Oreg. [**24**-151 C4].
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— Neck, penin., N.S., Can. [**24**-88 C4].
Digenea **22**-449d.
DIGENES ACRITAS, BASILius **7**-374d.
Digentia, val., It.: *see* Licenza.
DIGEST (law) **7**-374d.
Digesta (Rom. law) **19**-450c; **13**-210a; see *Digest, The*.
DIGESTION **7**-374d; chemistry **16**-648c; enzymes **8**-630c; hibernation **11**-919c; metabolism **7**-356a; mouth **16**-648d; Pavlov **17**-402c; sympathetic system **21**-709c.
Digestive glands **9**-209d.
— juices **7**-375a.
— method (engin.) **20**-403c.
— **ORGANS** **7**-382b; dual control **17**-890c; reptiles **19**-195b; vertebrates **23**-102c.
Digestive tract: *see* Alimentary canal.
Digger plough **6**-851b.
Diggers: *see* Levellers.
Digges, Edward **23**-187d.
—, **WEST** **7**-382b.
Digging Ladder Pl. fig. 1 **7**-DREDGERS AND DREDGING.
— mammals: *see* Fossorial mammals.
— wasps **12**-12a; **23**-400b.
Diggins, Mo. [**24**-140 E4].
Diggle, Squire **23**-462d.
Diggs, pt., Mex. [**24**-158 B1].
Dighal, Arab. [**24**-62 D5].
Digha-nikāya **4**-325c.
Dighton, John **8**-13a.
—, Kan. [**24**-142 B3].
—, Mass. [**24**-99 C2].
—, Mich. [**24**-131 F5].
Di Giacomo, S.: *see* Giacomo.
DIGIT **7**-382b; **20**-742b; **15**-142d; numerals **16**-611b.
Digital arteries **2**-452b.
Digitalin **7**-382c.
DIGITALIS (pharm.) **7**-382b; diuretic **7**-444c; endocarditis **11**-309b; heart action **15**-197a; hunting **11**-927d.
— (plant): *see* Foxglove.
— purpurea (plant): *see* Purple foxglove.
Digitaria sanguinalis (bot.): *see* Crab-grass.
Digitigrade feet (zool.) **4**-897a.
Digitonin (drug) **7**-382c.
Digitoxin (drug) **7**-382c.
Diglycerides (chem.) **16**-746d fol.
Digna, Osman (amir of Eastern Sud.): *see* Osman Digna.
Dignano, It. [**24**-34 D2].
DIGNE, Fr. [**24**-27 K3]; **7**-382d.
Digo (Bantu tribe) **16**-657c.
DIGOIN, Fr. [**24**-27 G1]; **7**-383a.
Digor, Turk. [**24**-59 K2].
— (dialect) **16**-954a.
Digraphic system **5**-957a.
Digte (poems, Drachmann) **7**-567a.
Digul, riv., N.G. **16**-297c.
Dihang, riv., Tib. [**24**-68 F6; **24**-183 J2]; **2**-551a.
Dihedral angle (geom.) **1**-928d; fig. 3 **1**-929.
Dihexagonal bipyramid (crystall.) **6**-820c; fig. 77 **6**-820.
— prism (crystall.) **6**-819c fol.
— pyramidal class (crystall.) **6**-821a.
Dihing, India [**24**-66 D1].
—, riv., India **13**-603d.
Dihydric alcohols (chem.) **1**-544c.
Dihydrochloride of dioxy-diamino - arsenobenzine (med.): *see* Salvarsan.
Dihydrophenazine (chem.) **17**-698d.
Dihydro-pyrans (chem.) **5**-886b.
Dihydroxyacetone (chem.) **4**-834a.
Dihydroxyammonia (chem.) **11**-1000a.
Dihydroxy - anthraquinone (chem.) **2**-40a.
— compounds (chem.) **7**-797c.
Dihydroxydiphenyl selenide (chem.) **20**-301b.
Dihydroxymaleic acid (chem.) **21**-824b.
Dihydroxynaphthalenes (chem.) **16**-73d.
Dihydroxyperylene (chem.) **17**-636c.
Dihydroxytartaric acid **21**-824b.
Di inferi (rel.) **14**-795c.
Di-iodophenol-para-sulphonic acid (chem.) **4**-837a.
Diipolia (rel.) **4**-396b.
DIJON, Fr. [**24**-25 L4; **24**-8 G4]; **7**-383a; aerial light **14**-100a; army of reserve **9**-826a; vineyards **6**-518b.
— (battle, 500) **9**-611d.
Dikai (law) **10**-831a.
Dikaios (surname) **17**-578d.
Dikanäs, Swed. [**24**-42 G4].
Dikanikion (Crozier) **23**-110c.
Dika nut **16**-646a.
Dikaryon (bot.) **9**-930b.
Dik-dik (animal) **2**-22b; **3**-974d.
Dikē (Gr. myth.) **2**-574a; in jurisprudence **13**-199d.
Dike, Nev. [**24**-153 E6].
—, Oreg. [**24**-151 E2].
— (**DYKE**) **7**-383d; construction Pl. figs. 1-6 **5**-COAST PROTECTION AND LAND RECLAMATION; cross-section fig. 2 **5**-923; Holl. **11**-647c; North sea **5**-927c; riv. engin. **19**-331a.
— (geol.) **20**-678b.
Dike Hill, Oxon., Eng. **7**-537a.
Dikelocephalus (zool.) **4**-646a.
Diketones (chem.) **13**-355c.
Dikhan (Pers. title) **17**-581d.
Dikio, Hagios, mt., Crete: *see* Hagios.
DIKKA (arch.) **7**-384a.
Diklosmta, mt., U.S.S.R. [**24**-49 G6]; **5**-56c.
Dikoa, Nig.: *see* Dikwa.
Dikokammeniye Kirghiz (tribe): *see* Kara-Kirghiz.
DIKRAN (Arm. k.): *see* Tigranes.
Diktator, Der (opera, Křenek) **13**-502b.
Diktier (poems, Charles XV. of Swed.) **5**-286c.
Dikwa, emirate, Camer., W. Af. **4**-663d.
—, Camer. **3**-916c fol.
—, Nig. **16**-440b
Dilam, Arab. **2**-174a.
Dilambdodonta (zool.) **23**-968c.
DILAPIDATION **7**-384a.
Dilaram, Afg. map **1**-283.
Dilasac, bay, P.I. [**24**-73 B2].
DILATATION (physiol.) **7**-384c; **8**-119b.
Dilate, lake, Scot. **20**-502d.
Dilatometry **15**-310c.
Dilatores (muscles) **15**-986c.
DILATORY **7**-384c.
Dilawar Khan Ghori **7**-300c; **14**-747b.
Dildo, isl., Nfd. [**24**-93 D3].
—, Nfd. **16**-289b.
Dileh, A.-E.Sud. [**24**-79 B5].
Dilemba, Bel. Cong. [**24**-82 C4].
DILEMMA (logic) **7**-384c; **14**-314c.
Dilepididae (zool.) **21**-804b; Diler, Neb. [**24**-139 H4].
DILETTANTE **7**-384d.
Dilettanti Society (Eng.) **7**-384d; **5**-859a.
Dilia, N Mex. [**24**-148 D3].
DILIGENCE (law) **7**-384d.
— (vehicle) **6**-599a.
DILKE, SIR CHARLES Wentworth (Eng. critic, 1789-1864) **7**-384d.
—, **SIR CHARLES WENTworth** (Brit. pol., 1810-69) **7**-385a.
—, **SIR CHARLES WENTworth** (Brit. pol. 1843-1911) **7**-385a; Chamberlain **5**-203b fol.; Commons Preservation Society **6**-127b; Q. Victoria **23**-127d.
—, Emilia Frances (Eng. au.) **7**-385d.
—, Ethel (Eng. writ.) **5**-812c.
Dilkon, Ariz. [**24**-149 E3].
Dill, Okla. [**24**-143 D3].
—, Wis. [**24**-133 D7].
—, riv., Ger. [**24**-38 D3].
DILL (herb) **7**-385d; il. **7**-386; carminative **4**-888c; flower fig. 8 **9**-409; *see also* Anise.
Dillard, Ga. [**24**-114 C2].
—, Oreg. [**24**-151 B4].
DILLEN, JOHANN JAKOB **7**-386a.
—, Ark. [**24**-120 B2].
DILLENBURG, prov., Ger. **7**-386a.
Dillenius: *see* Dillen.
DILLENS, JULIEN (Belg. sculp.) **7**-386a.
Dilli, Timor, Mal. Arch.: *see* Delhi.
Dilling, A.-E.Sud. [**24**-79 B5].
DILLINGEN, Ger. [**24**-38 B4, F5]; **7**-386b; univ. **22**-870b.
—, Wyo. [**24**-146 G1].
Dillingham, Alsk. [**24**-156 H7].
DILLMANN, CHRISTIAN Friedrich August (Ger. bibl. schol.) **7**-386b; Ethiopic lit. **8**-780b.
Dillmans, Wis. [**24**-133 F6].
DILLON, ARTHUR RICHard (Fr. archbp.) **7**-386c.
—, **JOHN** (Ir. pol.) **7**-386c.
Dillon, John Blake (Ir. pol.) **7**-386c.
—, Wentworth, 4th earl of Roscommon: *see* Roscommon.
—, co., S.C. [**24**-113 E2].
—, Colo. [**24**-147 D2].
—, Ia. [**24**-138 E3].
—, Ind. [**24**-126 B1].
—, Kan. [**24**-142 E3].
DILLON, Mont. [**24**-144 B3]; **7**-387a.
—, Nev. [**24**-153 C2].
—, N.Mex. [**24**-148 E2].
—, O. [**24**-125 C4].
—, S.C. [**24**-113 E2].
Dillsboro, Ind. [**24**-127 C3].
Dillsburg, Ill. [**24**-128 D3].
—, Pa. [**24**-107 D3].
Dill-water (pharm.) **7**-385d.
Dilman, Pers. [**24**-63 A1].
Dilo, Mont. [**24**-144 E2].
Dilolo, Bel., Cong. [**24**-82 D5].
—, lake, Ang. [**24**-82 D5; **24**-185 F7]; Livingstone **14**-239b.
DILTHEY, WILHELM (Ger. philos.) **7**-387a.
Dilucidationes philosophicae de (Bilfinger) **3**-561a.
Diluent (paint.): *see* Extender.
Dilute solutions (physical chem.): *see* Solutions, dilute.
Dilution law (elec.) **8**-320a.
DILUVIUM (geol.) **7**-387b; deposits **10**-374b.
Dilvārā, India **12**-217d fol.
Dilwyn, Eng. [**24**-16 D2].
—, Va. [**24**-110 F3].
dim. (abbrev.) **1**-24a.
Dimachaeri (gladiators) **10**-384a.
Di manes (rel.) **14**-795c.
Dimas (battle, 46 B.C.) **15**-336c.
Dimasa (Af. tribe) **3**-772a.
Dimashka, Syr.: *see* Damascus.
Dimboola, Vict., Austr. [**24**-170 F6].
Dimbovita, riv., Rum. **4**-312b.
Dime, Pa. [**24**-106 B3].
DIME (coin) **7**-387b.
Dimeni, Gr. map **1**-209.
DIMENSION (math.) **7**-387b.
Dimensioning (engin. drawing) **7**-634d.
Dimerous flower (bot.) **9**-410d.
Dimeta - dihydroxybenzoic acid (chem.) **2**-40a.
Dimethylamine (chem.) **1**-815a.
Dimethylamino - antipyrine (drug): *see* Pyramidon.
Dimethylaminonaphthophenoxazonium chloride: *see* Meldola's blue.
Dimethylaniline (chem.) **1**-959c; **7**-797c.
Dimethylbenzene (chem.) **23**-862c.
Dimethylcarbinol (chem.): *see* Isopropyl alcohol.
Dimethyl carbonate (chem.) **4**-839a.
Dimethyldiaminotoluphenazine (dye) **17**-699a.
Dimethyl ether (chem.) **8**-755c.
Dimethylisoxazole (chem.) **12**-730b.
Dimethyl ketone (chem.): *see* Acetone.
Dimethyloxy quinizine (drug): *see* Antipyrine.
Dimethylpyrone (chem.) **18**-800b.
Dimethylstibine bromide (chem.) **2**-68d.
Dimethyl sulphate (chem.) **8**-736a; **15**-362c.
Dimethyltelluronium di-iodide (chem.) **21**-913b.
Dimetian code (Welsh law) **23**-511a.
Dimetric drawing (engin.) **7**-636b; fig. 27 **7**-636.
— system (crystall.): *see* Tetragonal system.
Dimetrodon (reptile) **19**-184b.
Dimidiation (heraldry) **11**-459b.
Diminished interval (mus.) **11**-203c.
DIMINISHING RETURNS (econ.) **7**-387d; farming **9**-90d; food **9**-462a; land and pop. **7**-928c; utility **22**-914d; wages **23**-267c.
DIMINUENDO (mus.) **7**-387d.
DIMINUTION (mus.) **7**-388a.
— (art) **17**-615b.
Dimishqī (Arab. cosmographer) **2**-197a.
Dimitr, Haji (Bulg. sol.) **4**-363d.
DIMITRIEVIC, DRAGUTIN (Serb. conspirator) **7**-388a.
Dimitrov, U.S.S.R. [**24**-48 E3]; cellulose indus. **15**-838a.
Dimitrovsk, U.S.S.R. [**24**-49 E4].
DIMITY (textile) **7**-388b; **6**-551b; mfr., damietta **7**-5d.
Dimma and Mulling, Books of (rel.) **14**-227b.
Dimmer (stage lighting) **21**-288a.
Dimmit, co., Tex. [**24**-123 E5].
—, Tex. [**24**-122 C2].
Dimmsville, Pa. [**24**-107 D3].
Dimock, Pa. [**24**-107 F2].
—, S.Dak. [**24**-137 G3].
Dimond, N.H. [**24**-97 C3].
Dimorpha (biol.) **18**-633b.
Dimorphic flower (bot.) **9**-413a.
DIMORPHISM (crystall.) **7**-388b; Mitscherlich's studies **15**-622d.
— (biol.) **7**-388b.
Dimorphism, sexual (biol.): *see* Sexual dimorphism.
Dimorphoceras (zool.) **4**-845a.
Dimorphognathus (zool.) **9**-861b.
Dimorphograptus (fossil) **10**-647b; fig. 1 **10**-647.
Dimorphosiphon (fossil) **17**-72a.
Dimorphous crystals **6**-828c.
Dimotika, Gr. [**24**-55 E2].
Dimroth, O. (chem.) **22**-135b.
Din (people, Sib.): *see* Yenisei Ostyak.
Dina, mt., Pers. **9**-101a.
Dinagat, isl., P.I. [**24**-73 C3].
—, P.I. [**24**-73 C3].
Dinah (daughter of Jacob) **20**-694d.
—, Fr. [**24**-24 C3].
Dinajpur, dist., India **7**-388b.
DINAJPUR, India [**24**-66 B1]; **7**-388b.
Dīna Krsna Dās (writ.) **3**-409a.
Dinamene (Chin. slave) **4**-667c.
Dinan, anc. Brit.: *see* Ludlow, Salop., Eng.
DINAN, Fr. **7**-388b; Pl. VI. fig. 5 **9**-FRANCE.
Dinanderie (met.) **4**-244b.
DINANT, Belg. [**24**-29 C4]; **7**-388c; brass foundries **4**-244b; Charles the Bold **5**-288b; World War **9**-868c fol.
— syncline (geol.) **3**-350d; **7**-289c.
Dinantian (geol.) **4**-842c.
Dinaphthapyrrole (chem.) **5**-382c.
Dinaphthyl oxides (chem.): *see* Naphthyl ethers.
DINAPORE, India [**24**-67 E1; **24**-66 B1]; **7**-388d.
DINAR (Serb. coin) **7**-388d; Pl. V. fig. 15, 16, 19 **16**-NUMISMATICS.
DINARD, Fr. [**24**-24 C3]; **7**-389a.
Dinaric (race) **8**-843d.
— Alps, mts., Yugos. [**24**-52 C2]; geol. **1**-693d fol.; **2**-980a fol.; folds map **2**-980.
— Karst, region, Yugos. **23**-920a.
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Dinas, Kan. [**24**-142 A3].
—, Merioneth, Wales [**24**-10 C4].
Dinas (brick) **9**-267b.
— Brān, ruins, Wales **14**-249d.
— Mawddwy, Wales [**24**-16 C2].
—, rock (min.) **9**-946b.
Dinbych, co., Wales: *see* Denbigh.
—, Denbighshire, Wales: *see* Denbigh.
Dindeo, Ang. [**24**-82 D5].
Dinder, riv., Af. [**24**-79 C5]; joins Blue Nile **16**-453c; map **1**-71.
DINDIGUL, India [**24**-67 C4]; **7**-389a.
Dindings, terr., Mal. Penin. **21**-449d.
Dindings, isls., Mal. Penin. **21**-449d.
—, Mal. Penin. [**24**-71 B5].
DINDORF, KARL WILHELM (Ger. schol) **7**-389a.
Dindsenchus (Ir. topographical work) **12**-642b.
D'INDY, PAUL-MARIE-THEodore-Vincent (Fr. comp.) **7**-389b.
Dindymené (Gr. myth.) **10**-733a.
Dineen, M. D. (athlete) **2**-618d.

Dineharts, N.Y. [24-102 C3].
DINEIR, Asia M. [24-58 D3]; 7-389c; 2-92a; *see also* Apamea.
Dinemand, Jean (Fr. schol.): *see* Daurat, Jean.
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— pressure-tube (instru.) 1-918a.
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— (Af. chief) 23-992b; Boers 16-129c fol.; Pretorius 18-462a.
Dingaan's Day 21-55c.
Dingalam, bay, P.I. [24-73 B2].
Dingelstadt, Ger. [24-38 F2].
DINGELSTEDT, FRANZ von (Ger. poet) 7-389c; 10-227a; dram. influence 7-614d.
Dingess, W.Va. [24-111 A4].
DINGHY (boat) 7-389d; Hugli 3-763c; il. 12-198.
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—, Kerry, Ire. [24-21 A4]; 7-389d; 13-353a; agri. and fishing 13-353c.
—, bay, Ire. [24-21 A4; 24-177 A4].
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Dingli, Sir A. (Brit. offi.) 14-743c.
Dinglingen, Ger. [24-25 N3].
Dingmans Ferry, Pa. [24-107 G2].
Dingo, Queens., Austr. [24-169 C3].
DINGO (dog) 7-389d; 2-711b; 2-728a; il. 7-389.
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Dinguiary, Fr.Gui. [24-80 B3].
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Dinh, riv., Fr.I.C. [24-71 C1].
Dinh-Bo-Lanh (Annam ruler) 1-981c.
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Dinictis (zool.) 4-901c.
Dining car (ry.) 18-924b; Ger. and Fr. Pl. II. figs. 2, 10, 11 18-RAILWAYS.
Diningroom Tea (poem, Brooke) 4-254c.
Dinis (k. of Port.) 13-896b; 18-277a.
Dinitraniline (chem.) 2-829b.
Dinitrobenzenes (chem.) 16-467b.
Dinitrobenzene trinitroasinol (chem.) 1-822b.
Dinitrochlorobenzene (chem.) 7-797d.
Dinitrofluorene (chem.) 9-422a.
Dinitrogen tetroxide (chem.) 12-723d.
Dinitro-isopropane (chem.) 4-472d.
Dinitropropane (chem.) 22-953d.
Dinitrotartaric acid 21-824b.
Diniz (k. of Port.): *see* Dinis.
DINIZ DA CRUZ E SILVA: *see* Cruze Silva.
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Dinkey (locomotive) 4-116c.
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—, co., Va. [24-110 G3].
—, Ind. [24-126 A1].
—, Va. [24-110 G3].
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Doni, Angelo **15**-411b; portrait **18**-983a.
—, Maddalena **18**-982b fol.
Doniphan, A. W. **5**-465d fol.
—, co., Kan. [**24**-142 G2].
—, Kan. [**24**-142 G2].
—, Mo. [**24**-141 G5].
—, Neb. [**24**-139 F4].
Donis conditionalibus de (Eng. law) **23**-606b.
Donisthorpe, H. (nat.) **15**-519d.
DONIZETTI, G. 7-528d.
Donjeux, Fr. [**24**-25 L3].
Donji Milanovac, Yugos. [**24**-52 E2].
DONJI SOLI, Yugos.: *see* Tuzla.
DONJON (prison) **7**-529b; **5**-2d; fig. 2 **9**-526; *see* Dungeon; *see also* Keep.
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Don Juan (Byron) **7**-529c; **8**-593c; **4**-481a fol.; metre **16**-963a.
Don Juan de Marana (Dumas père) **7**-529c.
Don Juan Tenorio (Zorilla) **7**-529c.
Donkankwa, Bel. Cong. [**24**-82 D3].
DONKEY: *see* Ass.
— -boiler **7**-529d.
— **-ENGINE 7**-529d.
— -pump **7**-529d; **21**-360b.
Donkin, A. E. (math.) **15**-71c.
—, Bryan (engin.) **17**-232b.
—, **SIR RUFANE S. 7**-529d; Port Elizabeth **18**-250b.
Donlan, Mont. [**24**-144 A2].
Donley, co., Tex. [**24**-122 D2].
Don Lorenzo (It. paint.): *see* Lorenzo, Monaco.
Donn, Rob (poet) **20**-187a.
Donna, isl., Nor. [**24**-42 F3].
Donnaconna, Que., Can. [**24**-89 C2].
Don-nai, riv., Fr. I.C. [**24**-71 C3]; **5**-939c fol.
Donnally Mills, Pa. [**24**-107 D3].
Donna mi prega (Cavalcanti) **12**-730d.
Donnan, Ia. [**24**-138 F2].
Donna Nook, Lincs., Eng. [**24**-14 D2].
DONNAY, C. M. 7-529d.
Donne, Constance **1**-651b.
—, Grierson (Eng. prof.) **8**-601a.
—, **JOHN 7**-530b; **8**-579c; Carew **4**-860a; satire **20**-6a; sermons **8**-585a; Walton **23**-318c; prose **18**-593b.
—, John (the younger) **7**-531c.
Donnell Ua Niall (Ir. k.) **16**-790c.
Donnelly, Minn. [**24**-135 B6].
Donnemarie, Fr. [**24**-25 J3].
DONNER, E. G. 7-531d.
Donner, La. [**24**-121 D4].
Donnerkraut: *see* Little houseleek.
Donners Berg, mt., Czech. [**24**-39 J3].
— Berg, mt., Ger. [**24**-38 C4]; **11**-190a.
Donnington, Lincs., Eng. [**24**-14 C3].
— (castle, Berks., Eng.) **10**-741a fol.
Donnolo Shabbethai **11**-359b.
DONNYBROOK, Ire. **7**-532a; fair **7**-532a.
—, N. Dak. [**24**-136 C1].
—, Queens., Austr. [**24**-169 C4].
—, W. Aus., Austr. [**24**-168 B5].
DONO, PAOLO DI: *see* Uccello.
Donoghue, J. F. **20**-728d fol.
—, Tim **20**-728d; **20**-730b.
Donon, mt., Fr. [**24**-25 N3]; **23**-257d.
DONORA, Pa. [**24**-106 B3]; **7**-532a.
Donoratico, U. Della Gherardesca, count of: *see* Gherardesca.
DONOSA CORTES, JUAN 7-532a.
Donos-mta, mt., U.S.S.R. **5**-56c.
"Do Nothing" Party: *see* Constitutional Union Party.
Donoughmore, John Hely-Hutchinson, 2nd earl of **8**-588d; **9**-822d.
—, R. Hely-Hutchinson, 1st earl of **11**-415b.
—, Ire. [**24**-21 C4].
Donovan (sci.) **13**-240c.
—, J. J. (arch.) **20**-96a.
—, P. (athlete) **23**-486d.
—, Ga. [**24**-114 D4].
—, Ill. [**24**-128 E3].
—, Okla. [**24**-143 G3].
Donovan's solution (med.): *see* Liquor Arsenii et Hydrargyri Iodidi.
Don Pasquale (Donizetti) **7**-529a fol.
Don Pedro (dam, Calif.) **15**-642b.
— Pedro de Peralta **19**-977d.
Don Pia-fai, mt., Siam [**24**-71 B3].
Don Quixote (Cervantes) **5**-163c; **21**-157c; **16**-577a; **1**-534a; Pl. II. fig. 4 **23**-WATER COLOUR PAINTING.
Don Quixote (R. Strauss) **21**-464c; **18**-565b.
Dons (Camisard theol.) **4**-666c.
Don Sebastian (Donizetti) **7**-529a.
Don Sebastian (Dryden) **7**-687d.
Donskaya, U.S.S.R.: *see* Kalach.
Donskoi, Dmitry **15**-840c.
Donskoi (wool) **19**-896c.
Dont, Miss. [**24**-119 C4].
Donyir, A.E.Sud. [**24**-83 F1].
Donzel (title): *see* Damoiseau.
Donzenac, Fr. [**24**-26 E2].
Donzère, Fr. [**24**-27 H3].
Donzy, Fr. [**24**-25 J4].
Doo, lake, Ire [**24**-20 B3].
DOOBAUNT, riv., Can.: *see* Dubawnt.
Doodlebug: *see* Ant-lion.
Doogort, Ire. [**24**-20 B2].
Dookie, Austr. [**24**-171 G6].
Dooley, Martin **7**-743d.
Dooley, Mont. [**24**-144 F1].
Dooling, Ga. [**24**-114 C4].
Doolittle, Hilda (poet): *see* Aldington, Hilda.
—, James H. Pl. II. fig. 3 **22**-TRANS-O. AND TRANSCONT. FLIGHTS.
Doolittle Mills, Ind. [**24**-127 B4].
— Mills, Miss. [**24**-119 C3].
Dooly, co., Ga. [**24**-114 C4]
DOOM 7-532a.
DOOMSTER (Scot. of.): *see* Deemster.
Doonbeg, Ire. [**24**-21 C5].
DOON DE MAYENCE 7-532b.
—, Ia. [**24**-138 A1].
—, hill, Scot. **7**-735c fol.
—, lake, Scot. [**24**-19 D6]; **2**-823a.
—, riv., Scot. [**24**-19 D6].
Doondi, Queens., Austr. [**24**-171 J2].
Doone, val., Dev., Eng. **14**-528c.
Dooner, Lambert **13**-670d.
Door, co., Wis. [**24**-132 F5].
DOOR 7-532c; (arch.) **13**-125c; *see also* Doorway.
Door hinge Pl. VIII. fig. 7 **12**-IRON IN ART.
Doorn, Holl. **22**-915c.
—, riv., Cape Col. [**24**-81 B4].
Doornik, Belg.: *see* Tournai.
Doornkop (battle) **6**-747a.
Door-trap **22**-433b.
DOORWAY 7-533b.
Doorway (arch.) Pl. VII. fig. 7 **12**-IRON IN ART; Pl. I. fig. 2 **23**-WOOD CARVING; Indian **12**-221b: *see also* Door.
Doorweed: *see* Knotweed.
Dop (gem cutting) **13**-716d.
Dopolavore, Opera Nazionale **12**-764a.
DOPOLAVORO 7-535a.
Doppelflöte (mus.) **16**-894a.
Doppers (sect) **22**-423b fol.
DOPPLER, C. J. 7-535c.
DOPPLER EFFECT 7-535d; **14**-63c; discovery **21**-336a; star velocity **21**-322b; sound **21**-27b; sun **21**-562b.
DOPPLERITE 7-535d.
Dopter, C. **21**-228d.
Dor (tribe): *see* Bongo.
—, A.E.Sud.: *see* Bong.
—, Pal.: *see* Dora.
Dora, Ill. [**24**-129 D4].
—, Ind. [**24**-126 C2].
—, Mo. [**24**-141 E5].
—, Oreg. [**24**-151 B4].
—, Pal. map **17**-129; **17**-122d.
—, Tex. [**24**-122 D3].
—, lake, W.Aus., Austr. [**24**-168 C3].
Dora Baltea, riv., It. [**24**-34 A2]; **12**-754a; irrigation **12**-691c.
D.O.R.A. (Eng. law): *see* Defence of the Realm Acts.
Doracestria, Dorset., Eng.: *see* Dorchester.
Dorada ropeway **19**-547d.
Doradidae **9**-316b; **5**-30d.
Dorado (astron.) **21**-323c; Pl. II. **21**-STAR.
Doradus, S. (Star) **21**-320d.
Dorah, pass, Afg. [**24**-65 C1]; **2**-913a; **1**-283b.
Dorama, Arab. [**24**-62 D3].
DORAN, JOHN 7-535d.
—, Ill. [**24**-129 D4].
—, Ind. [**24**-126 B1].
—, Minn. [**24**-135 B5].
Dorandillo (grape) **23**-655b.
Dora Riparia, riv., It. **12**-754a.
Doras **5**-30d.
Dorasamudra, India **11**-89b.
Dorasque (dialect) **5**-129d.
DORAT, CLAUDE J. 7-536a.
—, **JEAN**: *see* Daurat, Jean.
Doratosepion confusa: *see* Cuttlefish.
Dor beetles **6**-5a.
Dorcasiinae **10**-67b.
Dorcatherium: *see* Chevrotain.
Dorchecestre, Oxon., Eng.: *see* Dorchester.
Dorchester, Catherine Sedley, countess of: *see* Sedley.
—, **DUDLEY CARLETON**, Viscount **7**-536a.
—, **GUY CARLETON**, 1st baron **7**-536b; Canada **4**-706b.
—, Henry Pierrepont, marquess of **13**-402b.
—, co., Md. **24**-106 C2].
—, co., S.C. [**24**-113 D3].
DORCHESTER, Dorset., Eng. [**24**-17 D4]; **4**-163c, **7**-536c.
—, Ill. [**24**-129 C4].
—, Ia. [**24**-138 F1].
—, Mass. [**24**-99 C1]; **3**-932d.
—, Neb. [**24**-139 G4].
—, N.B., Can. [**24**-88 E3].
—, N.H. [**24**-97 B3].
—, N.J. [**24**-105 B3].
DORCHESTER, Oxon., Eng. [**24**-15 B4]; **7**-536d; map **4**-160.
—, Que., Can. [**24**-89 C2].
—, S.C. [**24**-113 D3].
—, Tex. [**24**-123 F3].
—, Wis. [**24**-132 C4].
DORCHESTER, dist., Boston, Mass. **7**-537b.
— (tunnel, U.S.) **22**-568b.
— Heights, battle **22**-784d.
Dorchester House (Lond.) **14**-351d; Pl. III. fig. 12 **15**-MODERN ARCHITECTURE
Dorcinia, Oxon., Eng.: *see* Dorchester.
Dorčol, Belgrade, Yugo. **3**-368a.
Dorcopsis **13**-255a; **16**-297a.
Dorcotragus melanotis: *see* Beira.
DORDOGNE, dept., Fr. [**24**-26 D2]; **7**-537c; pop. **9**-585a; wine **23**-654c.
DORDOGNE, riv., Fr. [**24**-26 F2]; **7**-537d.
— val., Fr. **14**-764a.
DORDRECHT, Holl. [**24**-28 C3]; **7**-538a; Pl. III. figs. 1 and 6 **11**-HOLLAND; charter (1220) **11**-668d; Dirk III. **11**-668b; Synod (1618) **11**-659a.
—, isl., Holl. **21**-93d.
Dordt, Holl.: *see* Dordrecht.
DORÉ, PAUL G. (Fr. art.) **7**-538b.
—, W. H. **15**-264b.
—, bay, Ont, Can. [**24**-90 D2].
—, lake, Que, Can. [**24**-89 A2].
—, lake, Sask., Can. [**24**-91 E2].
—, mt., Fr. [**24**-27 F2]; springs **15**-754a.
—, riv., Eng. **11**-497b.
Doreh, N. G.: *see* Manokwari.
Dore Holm, rock, Shetland Is. **20**-501d.
Dorema ammoniacum **1**-820b.
Dören, Ger. [**24**-38 D1].
Dorena, Oreg. [**24**-151 C4].
Dores do Indaia, Braz. [**24**-164 A4].
Doré silver **20**-684c.
Dorestad, Holl.: *see* Wyk by Duurstede.
Dorfee, W.Va. [**24**-111 B3].
Dörffeld, W. **22**-245d.
Dörfli, Switz. **7**-88a.
Dorgali, Sard. [**24**-35 B4]
Dorgelès, Roland **9**-801d fol.
Dori, Fr.W.Af. [**24**-80 E3].
—, riv., Afg. [**24**-182 B2]; map **1**-288.
DORIA, ANDREA (It. adm.) **7**-538b; Lepanto (1571) **13**-945b fol.
D'Oria, Ansaldo **7**-540a.
Doria, Filippino **7**-538c.
—, Giannettino **7**-538c.
—, Giovanni A. **7**-538d.
—, Lamba **18**-174b.
—, Luciano **5**-592b; **12**-796b; **23**-63d.
D'Oria, Paolo **7**-540a.
Doria, Percivalle (poet) **12**-738c.
—, Pietro **5**-592b.
—, Tedisio **10**-972b.
—, Uberto **15**-229a.
—, riv., It. **22**-588c
Doriah stripe **6**-551b.
DORIA-LANDI (fam.) **7**-540a.
Dorian comedy: *see* Sicilian comedy.
Dorian mode (mus.) **11**-205d.
Doria palace, Genoa, It. **17**-512c.
DORIANS (people) **7**-538d; **1**-120d; **10**-764c; Aegean civilization **1**-216b; **2**-334c; **17**-449a; art **10**-805d; Carneia **4**-895d; Messenia **15**-304d; migrations **10**-780c; poetry **10**-834d fol.; sculpture **10**-807a; Sicyon **20**-613c; Sparta **21**-170d.
Doria-Pamphilii (palace, Rome) **7**-540a.
Doribus (of Rabelais): *see* Ory, Matthieu.
Doric (Czech. dialect): *see* Hanacký.
— (dialect) **7**-539a; **10**-824b.
— **ORDER** (arch.) **7**-540b; Pl. I. figs. 1-7 **10**-GREEK ARCHITECTURE; Pl. XII. **2**-ARCHITECTURE; **16**-852c; **10**-798c fol.; capital **4**-793c; **10**-798b; il. **4**-794; echinus **7**-904c; in Roman arch. **19**-390c, temples **10**-805d.
Dorignies, Fr. **7**-548a.
Dorimachus (sol.) **17**-703b.
Dorimond (writ.) **7**-529c.
DORION, SIR ANTOINE A. 7-540b.
DORIS, dist., Gr. **7**-540c; **7**-539a fol.
—, Wash. [**24**-150 F4].
—, gulf, Caria, Asia M. **4**-861a.
— (animal) **10**-64d.
"Doris" (ship) **23**-781c.
DORISLAUS, ISAAC 7-540d.
Dor-je Pa-mo **22**-181c.
DORKING, Sur., Eng. [**24**-15 C4]; **7**-540d.
Dorking (bird) **18**-378b.
Dorlan, Pa. [**24**-107 F3].
DORLEANS, LOUIS 7-541a.
Dorman, Sir Arthur **7**-541a.
—, Me. [**24**-96 E4].
DORMAN, LONG AND COMPANY, Limited 7-541a.
Dormancy (biol) **12**-419b.
Dormans, Jean de **5**-275d.
—, Guillaume de **5**-275d.
—, Fr. [**24**-25 J2]; battle (1575) **9**-623d; battle (1918) **14**-933b.
Dormansville, N.Y. [**24**-103 G3].
Dormant (carpentry) **20**-794d.
Dormeh of Salonica (sect) **19**-787c.
Dormer, Robert, baron Dormer of Wyng: *see* Carnarvon.
DORMER (arch.) **7**-541b; bell-cot **3**-378c.
Dormitor, mt., Yugos. [**24**-52 D3].
DORMITORY (arch) **7**-541c.
— of New York (nick.): *see* Brooklyn.
DORMONT, Pa. **7**-541c.
Dormont Book **4**-876d.
DORMOUSE 7-541c; fur fig. 9 **9**-937 hibernation **11**-539b fol.
— phalanger **14**-979a.
Dormy (in golf) **10**-503d.
Dorn, Ernst **5**-361b.
Dornacestre, Oxon., Eng.: *see* Dorchester.
Dornach, Switz [**24**-30 D2].
DORNBIRN, Aus. **7**-541d.
Dornbirner Ach, riv., Aus. **7**-541d.
Dornbühl (battle) **3**-454d.
Dornburg, Sax., Ger. [**24**-39 G1].
DORNBURG, Thuringia, Ger. [**24**-39 G2]; **7**-542a.
Dornceaster, Dorset., Eng.: *see* Dorchester.
DORNER, ISAAC AUGUST 7-542a; miracles **15**-587d.
Dornes, Fr. [**24**-27 G1].
Dorney, O. [**24**-125 C4].
Dornier seaplane **20**-249a.
Doru Muang, Siam **20**-593a.
DORNOCH, Scot. [**24**-18 D4]; scot **7**-542a.
Dornoch Firth, inlet, Scot. [**24**-18 D4; **24**-177 E2]; **21**-624a.
Dorno region **14**-83a.
Dornork, Scot. [**24**-13 A2].
Doro, cape, Gr. [**24**-55 D3].
—, chan., Gr. [**24**-55 D4].
Doroba: *see* Ogiek.
Dorogobush, U.S.S.R. [**24**-48 D4].
DOROHOI (DOROGOI) Rum. [**24**-53 D1]; **7**-542b.
Dorotea, La **23**-25a.
Dorotea, Swed. [**24**-42 H4].
—, lake, Austr. [**24**-168 C4].
Dorothea (Holstein-Glücksburg) **9**-715d.
— (Saxe-Lauenburg) **9**-714b.
"Dorothea" (ship) **2**-293c.
Dorotheenstadt, Berlin, Ger. **3**-446c.
DOROTHEUS (Syr. jur.) **7**-542b.
— Monembasia **19**-654c.
Dorothy, Minn. [**24**-134 B4].

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Dorpia (festival) 2-93d.
Dorpveld ft., Belg. siege of Antwerp (1914) 2-88d.
Dorr, Thomas W. (Am. law) 19-257c.
Dorr, Mich. [24-131 F7].
Dorrance, Kan. [24-142 D2].
—, Pa. [24-107 E2].
Dorras, Tex. [24-122 D3].
Dorre, isl., W. Aus. Austr. [24-168 A4].
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— aorta (anat.) 2-453d; 23-103c.
— cornua: *see* Posterior cornua.
— interosseous 15-988a fol.
— lip (anat.) 3-977a.
—mesentery (anat.) 5-970d.
— nerves: *see* Thoracic nerves.
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DORSET, EARLS, MARquesses and dukes of (Eng.) 7-542d; *see also* Exeter, Somerset and Suffolk, dukes of.
—, Anne Sackville, countess of: *see* Pembroke.
—, Edward Sackville, 4th earl of 7-543b; 6-850c.
—, Robert Sackville, 2nd Earl of (Brit.) 19-796a.
—, Thomas Sackville, 1st Earl of: *see* Sackville.
—, Mrs. (Eng. au.) 5-474d.
DORSET, co., Eng. [24-11 D6; 24-17 D4]; 7-543d; clay deposits 7-842c; Dorchester, U. S. 7-537b.
—, co., Tas. [24-171 H8].
—, Minn. [24-134 D5].
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—, ft., anc. Ire. 12-599c.
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Dorsum sellae 20-759c.
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Dorylaeum (Asia M.) 8-710c; battle (1097) 6-775d; battle (1147) 6-783c.
Dorylinae 20-885c.
"Doryphorus" 18-182b; 10-812b; Pl. 1 fig. 5 10-GREEK ART.
Dos (law) 20-380c.
— Bahias, cape, Arg. [24-161 C7].
— Cabezas, Calif. [24-155 E6].
— Cabezos, Ariz. [24-149 F6].
Dose (med.) 11-708c.
Döseh (rel.) 7-242a.
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Döshisha (univ.) 12-928d; 1-809b.
DOSITHEUS M. 7-545d.
Doson, A. (Maced.) 5-800d.
Dospad Dagh, mts., Bulg. [24-53 B5].
Dos Palos, Calif. [24-155 C4].
Dos Pozos, Arg. [24-165 C5].
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Doss (lit.) 12-639d.
DOSSAL (curtain) 7-546a.
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—, B. (It. paint.) 7-546a.
Doss Trento, rock, It. 22-456d.
Dossville, Miss. [24-119 C3].
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—, Mich. [24-131 F7].
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Dot, Wash. [24-150 E5].
— (photo-engraving) 17-795a.
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Dzierzon 3-808c.
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E

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e. (abbrev.) **1**-24a.
E (Elohist writ.) **2**-948b; **3**-502d.
— (mus.) **7**-821c.
"E. 14" (Brit. submarine) **23**-787b.
"E. 42" (Brit. submarine) **23**-786c.
EA (deity) **7**-821c; **1**-160a; **2**-89c; **11**-607a; Enkidu **10**-350d; **2**-857d; Eridu **2**-842d; Marduk **14**-873a; Oannes **16**-661c; serpent cults **20**-362b; *see also* Nudimmud.
—-bani (Mesop. myth.) **1**-148c.
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EADBALD **7**-822a; **13**-327d.
Eadberht (of Northumbria) **7**-894d; **16**-540a; **21**-461a.
Eadbert (of Kent) **13**-328a.
— Praen (of Kent) **13**-328a.
Eadelm (abbot) **7**-964c.
Eadfrith (of Northumbria) **1**-551a.
Eadfrith (bp. of Lindisfarne) **3**-529d.
EADGAR (the Aetheling) *see* Edgar.
Eadgifu **8**-7c.
Eadgils (Angel k.) **23**-514b.
Eadgils (Swed. prince) **21**-641d.
Eadgyfu: *see* Odgiva.
Eadgyth (Aethelred's d.) **7**-964c.
Eadgyth (Edgar's d.) **7**-954b.
Eadhild **11**-864c.
EADMER (EDMER) (Eng. hist.) **7**-822b; **20**-156b.
EADMUND (Ironside, Eng. k.): *see* Edmund.
EADRED (Eng. k., d. 955): *see* Edred.
Eadric (of Kent) **13**-327d fol.; **11**-609c.
EADRIC, STREONA (Mercian ealdorman): *see* Edric, Streona.
EADS, JAMES BUCHANAN **7**-822b.
Eads, Colo. [**24**-147 H3].
—, Tenn. [**24**-117 B2].
—, bridge, Mo. **19**-843a.
Eadsige (archbp. of Canterbury) **4**-766d.
Eadwig (Eng. k.) **7**-954a.
Eadwig (the Fair, k. of the Eng.): *see* Edwy.
Eadwine (K. of Northumbria) **6**-926a.
Eadytown, S. C. [**24**-113 D3].
Eagbert (of York) **17**-473b.
Eager, Ariz. [**24**-149 F4].
Eaglais breac, anc Scot.: *see* Falkirk.
Eagle, Solomon (pseud.): *see* Squire, John Collings.
—, co., Colo. [**24**-147 D2].
—, Alsk. [**24**-156 N4].
—, Colo. [**24**-147 D2].
—, Ida. [**24**-145 B6].
—, Mich. [**24**-131 G7].
—, N.Y. [**24**-102 B3].
—, Wis. [**24**-133 E7].
—, W.Va. [**24**-111 B3].
—, isl., Ind. O. **5**-188a.
—, isl., Ire. [**24**-20 A2].
—, lake, Aroostook co., Me. [**24**-96 D1].
—, lake, Calif. [**24**-154 C2].
—, lake, Piscataquis co., Me. [**24**-96 C2].
—, lake, Sask. [**24**-91 D3].
—, lake, Wis. [**24**-132 D4].
—, hills, Sask. [**24**-91 D3].
—, mt., Ariz. [**24**-149 D2].
—, mt., St. Croix, W. I. **19**-825c.
—, pt., Nfd. [**24**-93 C3].
—, riv., Colo. [**24**-147 D2]; **6**-43b fol.
—, riv., Lab. **13**-556c.
"Eagle" (aero-engine) **19**-389b.
EAGLE (bird) **7**-822c; **4**-474d; falconry **9**-44d; heraldry **11**-470a; **11**-457d; Pl. II. fig. 14 **3**-BIRDS.
"Eagle" (Brit. aircraft carrier) **1**-450a; Pl. I. fig. 4 **1**-AIRCRAFT CARRIER.
— (Brit. warship) (1747) **19**-377c.
— (flying machine) 1834, of Comte de Lennox and Le Berrier Pl. I. fig. 4 **1**-AERONAUTICS.
Eagle (golf) **10**-503d.
— (rank) **3**-996c.
Eagle, the (astron.): *see* Aquila.
— Bay, N.Y. [**24**-103 F2].
— Bend, Minn. [**24**-135 C5].
— Bend, Miss. [**24**-119 A3].
— Bird (roulette) **19**-582c.
— Bridge, N.Y. [**24**-103 G3].
— Butte, Mont. [**24**-144 C2].
— Butte, S.Dak. [**24**-137 C1].
— Cliff, O. [**24**-124 D2].
— field, airport, Elmhurst, Ill. **8**-377a.
— Flat, Tex. [**24**-122 B4].
— foundry (Birmingham, Eng.) **18**-239d.
— **GROVE**, Ia. [**24**-138 D2]; **7**-822d.
— Harbor, Mich. [**24**-130 C2].
— Harbor, N.Y. [**24**-102 B2].
EAGLEHAWK, Austr. [**24**-171 G6]; **7**-823a.
Eagle Hill, Ky. [**24**-116 F2].
— Hill, cr. Sask. [**24**-91 E3].
Eaglehurst, Pa. [**24**-106 A1].
Eagle Island, Oreg. [**24**-151 J3].
— Lake, Me. [**24**-96 D1].
— Lake, Tex. [**24**-123 F5].
— Mills, Ark. [**24**-120 C4].
— Mills, O. [**24**-125 C4].
— Nest, N.Dak. [**24**-136 C3].
— **OWL** **7**-823a; description and habitat **16**-984a.
— **PASS**, Tex. [**24**-122 D5]; **7**-823a.
— Point, Oreg. [**24**-151 C5].
— Point, Wis. [**24**-132 B4].
Eagleport, O. [**24**-125 D4].
Eagle ray **18**-1004b.
Eagle River, Mich. [**24**-130 C2].
— River, Wis. [**24**-132 D4].
Eagle Rock, Ida.: *see* Idaho Falls.
— Rock, Mo. [**24**-140 D5].
— Rock, N.C. [**24**-112 G2].
— Rock, Va. [**24**-110 E3].
— Rock, mt., Md. **2**-125d.
Eagles, Fraternal Order of **9**-849d.
Eagle's Cliff, dist., Gr.: *see* Aeto.
Eaglescliffe, Eng. [**24**-13 C3].
Eagles Mere, Pa. [**24**-107 E2].
— Nest, dam, N.Mex. **18**-996b.
Eagleton, Ark. [**24**-120 A3].
—, Mont. [**24**-144 D2].
Eagletown, Ind. [**24**-126 B2].
Eagleville, Conn. [**24**-101 D1].
—, Mo. [**24**-140 D1].
—, O. [**24**-124 E2].
"Eagle Wing" (Ir. ship) **3**-338d.
Eagle-wood: *see* Aloes-wood.
Eaglewood, S.Dak. [**24**-137 A2].
Eagonville, Ont. [**24**-90 D2].
EAGRE **7**-823a; *see also* Bore.
Eakenham, Eng. [**24**-14 D3].
Eakin, S.Dak. [**24**-137 D2].
EAKINS, THOMAS **7**-823a.
Eakles Mill, Md. [**24**-108 B1].
Eakly, Okla. [**24**-143 E3].
Ealaidh Ghaoil (Maclachlan) **20**-187d.
Ealdgyth (Edith) **11**-213a.
Ealdhane (Eng. bp.) **7**-763b.
Ealdorman (anc. Eng. offi.) **6**-597b; **7**-721b; **20**-564a.
Ealdred (archbp. of York): *see* Aldred.
— (Benedictine abbot) **19**-820c.
— (of Bamburgh) **1**-275c.
Eales, S.Dak. [**24**-137 D1].
—, mt., Nfd. [**24**-93 B2].
— (Eng. bot.) **17**-498a.
Ealhmund (of Kent) **13**-328a.
Ealhswith (Eng. q.) **1**-588c.
EALING, Mdx., Eng. [**24**-15 C4]; **7**-823b.
Ealmer **19**-820c.
Eames, Emma **16**-18d.
Ea-mukin-zer (of Babyl.) **5**-656b.
Eanbert (of Hwicce) **11**-954a.
E. and O.E. (accounting): *see* Error.
Eanfled (Brit. q.) **23**-601b.
Eanfrith (k. of Bernicia) **3**-457a.
Eanhere (of Hwicce) **11**-954a.
Eanmund (of Kent) **13**-328a.
— (Swed. prince) **21**-641d.
E-Anna (temple, Mesop.) **8**-681c.
E-anna-du (of Babyl.) **2**-855d.
Eannatum (of Lagash) **2**-843d.
Eannes, Gil **11**-448b; **10**-972b.
Eanswith (princess) **9**-445b.
E-apsu (temple) **7**-821d.
Ear, N.Y. [**24**-102 D3].
—, **ANATOMY OF** **7**-823c; **11**-296b; basilar membrane **3**-172d; drum **23**-102a; labyrinth fig. 1 **8**-672; middle and internal fig. 1 **11**-296; mutilation and deformation **16**-34a; aviation **2**-813a; carnivora **4**-897a; **15**-822c; reptiles **19**-180d fol.; **19**-199a; tetrapod **1**-834b; vertebrate **23**-101a; sound **21**-28c.
—, **NOSE AND THROAT, Diseases of the** **7**-826a; **7**-104a; **9**-285d.
Earconbert (Kent) **7**-858a.
Earconwald (Saxon bp.): *see* Erkenwald.
Eardie Water, riv., Scot. [**24**-18 E5].
Ear-drops (bot.): *see* Dutchman's Breeches.
Eared pangolin (zool.) **7**-951b.
Earhart (phys.) **8**-263b fol.
—, Amelia **2**-811b; Pl. IV. fig. 9 **22**-TRANS-O. AND TRANS-CONT. FLIGHTS.
—, Tenn. [**24**-117 J1].
Ear hook (med.) **14**-202d.
Earias fabia (entom.) **6**-528b.
— insulana (entom.): *see* Egyptian boll worm.
Earith, Eng. [**24**-14 D3].
Earl, Ark. [**24**-120 E2].
—, N.C. [**24**-112 D2].
—, N.Dak. [**24**-136 A2].
—, Wis. [**24**-132 B4].
EARL (title) **7**-827b; coronet **6**-762b; origin **17**-318c; **7**-721b; peerage **17**-437b; *see also* Count.
Ear language **13**-696c.
EARLE, JOHN **7**-828b.
—, Aiken co., S.C. [**24**-113 C3].
—, Williamsburg co., S.C. [**24**-113 E3].
Earlehurst, Va. [**24**-110 D3].
Earleigh Heights, Md. [**24**-109 C1].
Earless seal (zool.) **14**-751c.
Earlet (zool.) **5**-596b.
Earleville, Md. [**24**-109 D1].
Earley, Mo. [**24**-140 C2].
—, N.C. [**24**-112 H1].
—, O. [**24**-124 A3].
Earlham, Ia. [**24**-138 C3].
Earling, Ia. [**24**-138 B3].
Earlington, Ky. [**24**-116 C3].
EARL MARSHAL **7**-828c.
EARLOM, RICHARD **7**-828d; **15**-403c; S. Cousins **6**-613c.
Earl Park, Ind. [**24**-126 A2].
EARL'S, Dev., Eng.: *see* Plympton Maurice.
Earls, N.Y. [**24**-102 B3].
—, Va. [**24**-110 G3].
— Colne, Eng. [**24**-15 D4].
— Court, dist., Lond. **13**-326b.
— Croome, Eng. [**24**-16 D2].
Earlsferry, Fife., Scot. **8**-356d.
Earl Shilton, Eng. [**24**-14 B3].
— Soham, Eng. [**24**-15 E3].
EARLSTON, Scot. [**24**-19 F6; **24**-12 B2]; **7**-828d.
Earlstown, Lancs., Eng. [**24**-13 B4; **24**-16 D1].
Earlville, Ill. [**24**-128 D2].
—, N.Y. [**24**-103 E3].
—, O. [**24**-124 D2].
—, Pa. [**24**-107 F3].
Early, J. A. **17**-651d.
—, John d' **1**-946a.
—, **JUBAL A.** **7**-829a; Chancellorsville **23**-596d; Gettysburg **10**-318b fol.; Shenandoah Valley **20**-491b; Washington **23**-395d; port. Pl. II. fig. 7 **1**-AMERICAN CIVIL WAR.
—, co., Ga. [**24**-114 B5].
—, Ia. [**24**-138 B2].
— Basket-maker (hist. stage): *see* Basket-maker I.
— blue violet (bot.) **23**-174d.
— Branch, S.C. [**24**-113 D4].
— Christian Art **13**-316d.
— **CLOSING MOVEMENT** (Brit.) **7**-829b.
— **ENGLISH PERIOD** (arch.) **7**-829c; **10**-544d.
— English Text Society **9**-951c.
— golden rod (bot.) **10**-491a.
— Richmond (cherry) **9**-885b.
— saxifrage (bot.) **20**-31a.
"Early Spring" (Bonnard) Pl. XX. fig. 2 **17**-PAINTING.
Earn, bridge (Perthshire, Scot.) **7**-830a.
—, lake, Scot. [**24**-18 D5]; **7**-829d.
EARN, riv., Scot. [**24**-18 E5; **24**-12 A1; **24**-177 E2]; **7**-829d; **17**-624b; **2**-669a.
Earned income (econ.) **12**-138a.
EARNEST (fin.) **7**-830a.
Earnhart, Ark. [**24**-120 D2].
Earnings (econ.) **6**-503b fol.
Earnshaw, Thomas **5**-663d; **23**-402d; compensation balance **23**-404a.
Earnslaw, mt., N.Z. [**24**-173 B6; **24**-192 F4].
Ear of Dionysius (cave, Sicily) Pl. fig. 8 **5**-CAVE.
—-**RING** (ornament) **7**-830a; Hallstatt period fig. 16 **11**-104.
"Earring, The" (McEvoy) Pl. XXII. fig. 5 **17**-PAINTING.
Earsdon, Eng. [**24**-12 C2].
EAR-SHELL: *see* Abalone.
"Ear-stone" (fish) Pl. fig. 2 **9**-FISHERIES.
EARTH (planet) **7**-830c; **10**-145a; **10**-132c fol.; age **7**-834a; **18**-894b fol., Kelvin **13**-318c; albedo **1**-518d; area **1**-388c; astronomy **2**-577c fol.; axis **1**-42c; chemistry **1**-640d; **5**-355d; constants **17**-999a; crust **17**-670a; **6**-332b; **10**-158c; density **2**-940a; **1**-478b; Egy. rel. **8**-59d; electrical charge **8**-224c; elements **17**-998a; **8**-348a; genesis **6**-492c; geology **7**-832a; Jupiter **13**-188c; light-motion **15**-417b; magnetism **12**-133b; **21**-959d; movements **7**-831b; **10**-164b; **17**-740a; **1**-478b; plan **10**-149c; Plato **18**-60d fol.; radioactivity **18**-897c; rotation **9**-551b; **22**-225b fol.; soil **20**-926b; space-time **21**-106a; temperature, pressure and winds **15**-347b; tides **22**-194a fol.; **22**-202d; velocity **19**-91b fol.; zone structure **10**-158b.
—, **FIGURE OF THE:** *see* Geodesy.
"Earth" (Michelangelo) **15**-413c.
Earth auger (tool) **3**-902c.
— conductor compass generator Pl. II. fig. 6 **1**-AERIAL NAVIGATION.
— connection (elec.): *see* Ground connection.
— **CURRENTS** **7**-837c.
EARTHENWARE (pottery) **7**-841c; chinaware **5**-550b; Chinese **18**-368c; Danish **18**-359d; English **18**-350c; **18**-360b; French **18**-349d; German **18**-350a; Indian il. **16**-511b; manufacturing **7**-842d; modern **18**-356a; wages **23**-271d.
Earth inductor (instru.): *see* Induction inclinometer.
— **INDUCTOR COMPASS, THE** **7**-843d; Pl. II. figs. 7 and 8 **1**-AERIAL NAVIGATION.
"Earthly Knowledge" (Raphael) **18**-983c.
Earthly Paradise (Morris) **15**-826a; **8**-595d; **7**-39d.
Earth-moon system (astron.) **6**-492c.
— **-NUT** (bot.) **7**-844c; *see also* Ar nut; ground nut.
— -pig: *see* Aard-vark.
— **PILLAR** (rock) **7**-844c.
EARTHQUAKE **7**-844d; **7**-832b; graph **7**-850a fol.; California **4**-590a; England **7**-846d; frequency **7**-849a; geol. **10**-154d; insurance **12**-455c; Ischia **12**-704a; Italy **12**-816c; periodicity **7**-849b; Portugal **14**-198d; Persian gulf **17**-604b; Pompeii **18**-199c; pulses fig. 2 **7**-831; fig. 3 **7**-833; volcanoes **23**-241b.
— Allen (nickname): *see* Allen, William.
EARTHSHINE (astron.) **7**-852d.
Earth-snakes (Cey.): *see* Uropeltidae.
— **-STAR** (bot.) **7**-852d.
— -stopper (hunting) **11**-925c.
Earth-wolf (zool.): *see* Aard-wolf
EARTHWORM **7**-853a; **10**-919d; **18**-693d fol.; fig. 13 **1**-994; castings **1**-995d fol; circulation **11**-306d; excretion **8**-959a; nervous system **6**-164d; nephridias tubule fig. A **8**-958; Earthworm oligochaeta **1**-994b fol.; pigmentation **6**-72c; **17**-923a; regeneration **19**-66b; seta fig. 14 **1**-995; sight fig. 1 **20**-628.
Earthy waters (min.) **15**-530d.
EARWIG (entom.) **7**-853b; **20**-882c; fig. 14 **12**-409.
Easby, N.Dak. [**24**-136 F1].
—, Yorks., Eng. **1**-18d; [**24**-13 C3].
Easebourne, Eng. [**24**-15 C5].
EASEL (support) **7**-853d.
Easel-like larva (zool.): *see* Pluteus.
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Elaeolite (min.) **16**-224d.
—-porphyry (rock) **18**-244a.
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Elaeoptene (chem.) **8**-720d.
Elaeostearic acid **22**-994b.
El 'Affule, Pal. map **17**-118.
ELAGABALUS: *see* Heliogabalus.
Elagin, isl., U.S.S.R. **13**-915b.
Elah (k.) **13**-45c.
Elaine, W.Va. [**24**-111 D2].
Elaine (Tennyson) **21**-940c.
Elainville, Ala. [**24**-118 D4].
Elaiya, mts., Arab. [**24**-62 C3].
El Akmar (mosque) **21**-301c.
El-Aksur, Egy.: *see* Luxor.
ELAM, prov., Pers. **8**-117d; Assyr. war **2**-857a; *see also* Susiana; Elymais.
El-Amâra (suburb, Damascus) **7**-2b.
El Amarna, Egy.: *see* Akhetaton.
Elamite (lang.) **2**-542d; **6**-867a.
Elamites (tribe) **17**-565d.
Elams, N. C. [**24**-112 H1].
Elamsville, Va. [**24**-110 D4].
Elan, val., Radnorshire, Eng. **3**-644b.
— Valley (aqueduct, Wales) **2**-163a; diag. fig. 3 **2**-162.
Eland, N.Dak. [**24**-136 B3].
—, Wis. [**24**-132 D5].
ELAND (zool.) **8**-118d; Natal **16**-127d; **2**-23b fol.; **3**-554c.
ELANDSLAAGTE, ACTION of (1899): *see* South African War.
Elanoides forficatus: *see* Swallow-tailed kite; Black-winged kite.
Elaphe (zool.) **20**-852b.
Elaphebolion (month) **4**-579a.
Elaphodus cephalophus: *see* Chinese tufted deer.
Elaphonisi, chan., Gr. [**24**-55 C4].
—, isl., Gr. [**24**-55 C4].
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El-'Ardj, Pal.: *see* Bethsaida.
El Arish, Syr. **9**-822c; **17**-138a.
El-'Asi, riv., Syria: *see* Orontes.
El Aska (mosque) **15**-835b.
ELASMOBRANCH: *see* Selachians; *see also* comp. anat. **20**-735b fol.; **20**-744c; reproduction **19**-179c.
Elasmosauras (zool.) **18**-74d.
Elasmotherium (zool.) **23**-970a.
Elasson, Gr. **2**-990a.
Elastic bitumen (min.): *see* Elaterite.
— constants (mech.) **15**-55a; **8**-121b; **8**-123a.
— deformation (mech.) **7**-815b.
— failure (mech.) **15**-58b.
— fenestrated coat (anat.) **2**-453c.
— fibro-cartilage (anat.) **6**-273d; fig. 7 **6**-274.
— gels (chem.) **6**-26d.
Elastica (phys.) **21**-599a.
ELASTICITY **8**-118d; **16**-23d; muscles **15**-983c; recovery **15**-61c; sound **21**-19a; strain **15**-61b; theory **15**-50d.
— **OF DEMAND** (econ.) **8**-125a.
— surface **6**-823a.
Elat, Mal. Arch. **13**-312d.
Elata, 'Iraq [**24**-61 C3].
Elatea, mt., Gr.: *see* Cithaeron.
Elater (bot.) **4**-304b.
Elateridae (entom.): *see* Click beetle.
Elaterin (drug) **8**-125b.
ELATERITE (min.) **8**-125a.
ELATERIUM (drug) **8**-125a.
Elaterophore (bot.) **4**-304c.
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Elato, mt., Cephalonia: *see* Negro.
Elatos, mt., Gr.: *see* Skopos.
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Elba, Ala. [**24**-118 C4].
—, Ark. [**24**-120 C2].
—, Ida. [**24**-145 E7].
—, Ill. [**24**-129 D6].
—, La. [**24**-121 C3].
—, Mich. [**24**-131 H6].
—, Minn. [**24**-135 F7].
—, Neb. [**24**-139 F3].
—, N.Y. [**24**-102 B2].
—, O. [**24**-125 D4].
—, cape, A.E.Sud. [**24**-79 D3].
ELBA, isl., It. [**24**-34 C3; **24**-8 H5; **24**-6 H7; **24**-178 H7]; **8**-125b; Napoleon I. **16**-91d; iron ore **8**-788c.
El Backay **22**-223b.
El-Bahr, riv., Af.: *see* Nile.
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El-Barah, Syr. **2**-541b.
Elbasan, preft., Alban. **1**-511d.
ELBASAN, Alban. [**24**-54 B2]; **8**-125c; il. **1**-512.
Elbe, Wash. [**24**-150 C4].
ELBE, riv., Eur. [**24**-36 E2; **24**-39 G1; **24**-50 D1; **24**-40 B3; **24**-178 H5]; **8**-125d; Pl. fig. 2 **7**-DRESDEN; Pl. I. fig. 3 **11**-HAMBURG; tunnel **22**-563c.
—, Army of the **20**-385a.
El Behira, dist., Egy. **7**-113b.
El-Benadir, Somlnd. **20**-968d.
El Beni, dept., Bol.: *see* Beni.
ELBERFELD, Ger. [**24**-38 C2]; **8**-127c.
—, Ind. [**24**-127 A4].
— **POOR RELIEF SYSTEM** (Ger.) **8**-127d.
Elbergen, Ger [**24**-38 C1].
Elbernon, Ia. [**24**-138 E2].
Elbert, co., Colo. [**24**-147 F2].
—, co., Ga. [**24**-114 D2]; **8**-128c.
—, Colo. [**24**-147 F2].
—, Tex. [**24**-123 E3].
Elbert, mt., Colo. **6**-42d; Pl. fig. 1 **19**-ROCKY MOUNTAINS.
Elberta, Mich. [**24**-131 E5].
—, N.Y. [**24**-102 B2].
—, Utah [**24**-152 C3].
— (peach) **9**-885b.
ELBERTON, Ga. [**24**-114 D2]; **8**-128c.
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Elbeuf, Charles, duke of **8**-128d.
—, René, marquis of: *see* René.
ELBEUF, Fr. [**24**-24 F2]; **8**-128c.
El Biar (Algiers) **1**-620d.
ELBING, Ger. [**24**-40 D1]; **8**-128d; air lines map **1**-463.
—, Kan. [**24**-142 E3].
"Elbing" (cruiser) **13**-221a.
Elbingerode, Ger. [**24**-39 F2].
El Bluff, Nic. **3**-756b.
El Bodon: battle (1811) **17**-469b.
Elbon, S.Dak. [**24**-137 C2].
Elbow, Sask., Can. [**24**-91 E3].
—, The, Sask., Can. [**24**-91 E3].
ELBOW (anat.) **8**-129a; **1**-884c; *see also* Ancon.
— cop (armour) **2**-392d; il. **2**-394d.
Elbow Lake, Minn [**24**-135 C6].
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Elbridge, Tenn. [**24**-117 B1].
Elbrus, mt., U.S.S.R. [**24**-49 F6; **24**-180 C4; **24**-179 O7].
ELBRUZ, mts., Asia: *see* Elburz.
Elburg, Holl. [**24**-28 D2].
El Burgo de Ebro, Sp. **7**-882c.
Elburn, Ill. [**24**-128 D2].
Elburz, Nev. [**24**-153 E2].
ELBURZ (ELBRUZ), mts., Asia [**24**-63 C1; **24**-180 D5]; **8**-129a.
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El-Buttauf, plain, Pal. **17**-119c.
El Campo, Tex. [**24**-123 F5].
EL CANO, JUAN SEBASTIAN DEL **8**-129c.
El Capitan, mt., Calif. **23**-903a.
—, mt., Ida. [**24**-145 D3].
—, mt., Mont. [**24**-144 A3].
El Carmen, Mex. [**24**-158 C2].
Elcelsior, geyser, Wyo. **23**-884d.
EL CENTRO, Calif. [**24**-155 F6]; **8**-129c.
Elchasaites (rel.) **5**-798b.
ELCHE, Sp. [**24**-33 F3]; **8**-129d; **21**-123d.
Elchingen, Michel Ney, duke of: *see* Ney, Michel.
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Elcho, Sir John Wemyss, baron: *see* Wemyss.
—, Wis. [**24**-132 D4].
Elckerlyc (morality play) **7**-615d; **7**-772b.
Elco, Ill. [**24**-129 C6].
Eldad, reef, P.I. [**24**-73 A3].
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ELDAD BEN MAHLI **8**-129d; **19**-789c; **11**-359b.
Eldad-had-Dani: *see* Eldad Ben Mahli.
Eldagsen, Ger. [**24**-38 E1].
Eldama, ravine, Br.E.Af. [**24**-83 G2].
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Elde, riv., Ger. [**24**-36 E2].
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—, John **21**-354d; **20**-514b.
—, Ruth **2**-811b.
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—, lake, Austr. [**24**-170 E3].
ELDER (govt.) **8**-130b.
— (eccl.) **15**-554b; **11**-357d.
ELDER (bot.) **8**-130c.
Elderberry flower essence **5**-216c.
Elder Edda **7**-945c fol.; **20**-646b.
Elderon, Wis. [**24**-132 D5].
Eldersville, Pa. [**24**-106 A3].
Elderton, Pa. [**24**-106 B3].
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Elder West Göta Law **21**-655c.
Eldest son (law) **20**-380d.
El Dique, canal, Colom. **4**-937d.
El Divino: *see* Morales, Luis de.
El Djem, N.Af. **22**-174c.
Eldoma, ravine, Kenya Colony **13**-340b.
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—, Ia. [**24**-138 E4].
—, Mo. [**24**-140 E3].
—, Ont., Can. [**24**-90 C2].
—, Wash. [**24**-150 B3].
Eldora, Ia. [**24**-138 D2].
—, N.J. [**24**-105 B3].
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Eldorado, co., Calif. [**24**-154 C3].
EL DORADO, Ark. [**24**-120 C4]; **8**-131d; **2**-368c.
Eldorado, Ia. [**24**-138 F1].
ELDORADO, Ill. [**24**-129 D6]; **8**-131d.
ELDORADO, Kan. **8**-131d.
—, Mex. [**24**-158 C3].
—, Mich. [**24**-131 G5].
—, Neb. [**24**-139 F4].
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—, Okla. [**24**-143 D4].
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Eldorado, S.Rhod. [**24**-81 E1].
—, Tex. [**24**-122 D4].
—, Vict., Austr. [**24**-171 H6].
El Dorado, Wis. [**24**-133 E6].
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— (blackberries) **9**-885c.
— series (geol.) **18**-428a.
— Springs, Mo. [**24**-140 D4].
Eldoret, Br.E.Af. [**24**-83 G2]; **13**-341a.
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—, Ill. [**24**-129 B4].
—, Minn. [**24**-134 B4].
—, N.Y. [**24**-102 F4].
—, Pa. [**24**-106 C2].
Eldredge, Colo. [**24**-147 C3].
Eldredsville, Pa. [**24**-107 E2].
Eldridge, Ia. [**24**-138 G3].
—, Mo. [**24**-140 E4].
Eldridge, Mont. [**24**-144 C3].
—, N.Dak. [**24**-136 F3].
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Elea, It. **17**-744b.
Eleagnaceae (bot.) **4**-322b.
Eleanor (emp.) **11**-58d.
— **OF AQUITAINE** **8**-132a; **18**-125c; marriage **9**-614d; Oléron **20**-241a; troubadours **22**-499b.
— **OF CASTILE** **8**-132b.
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— (Guienne) **18**-125a.
— (Pfalz-Neuburg): *see* Eleanor (emp.).
— (Provence) **11**-434d; **8**-489d; **7**-963a.
— (Reuss) **9**-167b.
— (Sp.) **11**-58b.
—(Toledo) **15**-192c.
—, Ill. [**24**-128 B3].
—, Pa. [**24**-106 C2].
—, Wash. [**24**-150 H3].
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Eleanor, cross **6**-754b; **14**-147c.
Eleanora (Toledo) **15**-192b.
— (Mantua) **9**-166d.
Eleanoro Maria (Aus.) **5**-289b.
Eleans (people) **8**-361a.
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— **POWER GENERATION** **8**-150d; hydro-electric **8**-156c; hydraulic and steam plants **8**-160c.
— **POWER IN AGRICULture** **8**-160d; supply **8**-161d; saving **8**-163c; in U. S. **8**-164b.
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EYLAU, Ger. [**24**-40 D2]; **9**-12a; battle, 1807 **9**-12b; **16**-106c; **16**-89d; map **9**-12.
Eymenico, Nicholas **22**-312a.
Eymet, Fr. [**24**-26 D3].
Eymoutiers, Fr. [**24**-26 E2].
Eyncourt, Sir Tennyson d' **21**-787b.
Eynort, inlet, Skye, Scot. [**24**-18 B4].
—, inlet, Uist., Scot. [**24**-18 A4]; **22**-667c.
Eynsham, Oxon., Eng. [**24**-15 B4]; monastery **1**-220c.
Eyota, Minn. [**24**-135 F8].
Eyquem, Pierre **15**-743d.
EYRA (animal) **9**-13b.
Eyragues, Fr. [**24**-27 H4].
Eyrarbakki, Ice. map **12**-43a.
Eyrbyggia (saga) **12**-51a; **19**-813a.
EYRE, EDWARD JOHN (states.) **9**-13b; **12**-874d; Austr. **2**-714c.
—, **SIR JAMES** (jur.) **9**-13b.
—, Sir Vincent (maj.) **2**-427b.
—, co., N.Z. [**24**-173 D5].
—, co., S.Aus. [**24**-170 D5].
—, W.Aus. [**24**-168 D5].
—, cr., Austr. [**24**-169 A3].
—, lake, S.Aus., Austr. [**24**-170 C2]; **2**-704a; **21**-80a.
—, mt., Austr. [**24**-170 D3].
— (court) **16**-287c.
Eyrecourt, Ire. [**24**-20 C3].
Eyres, Nicholas **3**-89c.
Eyre's, penin., S.Aus. [**24**-170 B4; **24**-192 C3].
EYRIE **9**-13c.
Eyrind (poet) **12**-49b.
Eysden, Holl. [**24**-29 D4].
Eystein I. (Nor.) **16**-551c.
— II. (Nor.) **16**-551d.
Eythrope (place-name, Eng.) **17**-989b.
EYUK, Asia M.: *see* Euyuk.
Ezbekia Gardens, Cairo, Egy. **4**-535c.
Eze, Fr. [**24**-27 L4].
EZEKIEL (prophet) **9**-13c; **11**-366c; **13**-981d; apocalyptic passages **2**-102d.
—, Book of **3**-503d.
Ezeljagt, S.Af. **21**-45c.
Ežerendi, Lith. [**24**-47 D3].
Ezgeret, riv., Fr. W.Af. [**24**-80 E2].
E-Zida (temple) **3**-923b.
Eznab **4**-581b.
Eznik (Arm. writ.) **2**-384a.
Ezo, isl., Jap.: *see* Yezo.
Ezobhi, Joseph **11**-361b.
Ezra, Abraham ben (Rabbi ben Ezra) (adopts Moorish form of fractions) **9**-575d.
EZRA (bibl.) **9**-14d; **3**-501d; **13**-50b; **11**-357d; **11**-366d.
Ezra, Apocalypse of: see *Ezra, Fourth Book of.*
Ezra, Book of **3**-504c; **9**-16b.
EZRA, THIRD BOOK OF **9**-14d.
EZRA, FOURTH BOOK OF **9**-15d; **2**-103c fol.; **3**-156d.
Ezra, Fifth Book of **2**-104c.
Ezra, Sixth Book of **2**-104c.
EZRA AND NEHEMIAH, Books of (bibl.) **9**-16b; **5**-649a.
Ezra Legend **9**-16b.
Ezraville, N.Y.: *see* Malone.
Ezterházy, Maurice, count (states.) **11**-912b.
Ezu, Nig. [**24**-82 B1].
Ez Zeidab, A.-E.Sud.: *see* Zeidab, A.-E.Sud.
Ezzelini (castle, Bassano) **3**-187c.
Ezzelino da Romano **12**-793b.
Ezzelin von Romano (Eichendorff) **8**-111a.
Ez Zib, Pal.: *see* Zib, Pal.
EZZO (EHRENFRIED) **9**-17c.
EZZOLIED (ANEGENGE) **9**-17c.

F

F (letter) **9**-18a; **1**-683a fol.
— (abbrev.) **1**-24b.
— (mus.) **9**-18c.
F (chem.): *see* Fluorine.
f. (abbrev.) **1**-24b.
f. (mus.) **9**-18c; *see also* Forte.
"F4" (submarine) **7**-448c.
FA (mus.) **9**-18c.
Faaborg, Fünen, Den. [**24**-46 C3].
—, Randböl Heath, Den. [**24**-46 A3].
"Faa Iheihe" (Gauguin) Pl. III. fig. 3 **15**-MURAL PAINTING.
Faarup, Den. [**24**-46 B2].
Fabaceae: *see* Pea.
Fabaria, isl., North Sea: *see* Borkum.
FABBRICA ITALIANA AUTOmobili Torino: *see* Fiat.
FABBRONI, A. **9**-18c.
Fabellae (anat.) **20**-742d.
Fabeln (Fröhlich) **9**-861b.
Fabens, Tex. [**24**-122 A4].
FABER (fam.) **9**-18c.
Faber, C. F. J. Böhl de: *see* Caballero, F.
—, D. **5**-783b.
—, **FREDERICK W.** **9**-19a.
—, **JACOBUS** **9**-19a; **7**-264d.
—, **JOHANN** (Ger. theol.) **9**-19b; **13**-12d.
—, Johan N. B. von **4**-495a.
—, Johann L. von **9**-18d.
—, K. **9**-18d.
—, Peter **14**-448c fol.
—, S. **19**-38d.
—, T.: *see* Lefebvre, T.
—, Va. [**24**-110 F3].
— -Castell, Otilie, countess von **9**-18d.
Fåberg, Nor. [**24**-44 D1].
FABERT, A. DE **9**-19c.
FABIAN, ST. **9**-19d.
—, N.Dak. [**24**-136 G3].
Fabian Essays **20**-892d.
— *Essays in Socialism* **9**-19d.
Fabiani (coll.) **14**-487a.
Fabianism **23**-503b.
Fabiano, L. da **7**-590d.
FABIAN SOCIETY **9**-19d; **13**-554b; **20**-470b; **20**-892d.
— strategy **21**-453c.
Fabianus, St.: *see* Fabian, Saint.
FABIUS (fam.) **9**-20a.
— (gen.) (49 B.C.) **12**-81b.
— (pseud.): *see* Dickinson, J.
—, Ala. [**24**-118 D1].
—, Mo. [**24**-141 E1].
— Ambustus, M. **9**-20b.
— Maximus, Q. (Rullianus) **4**-614b; **9**-20b; Etruria **19**-481d fol.; Ovid **16**-977c; Punic Wars **18**-769d fol.
— Maximus, Q. (Cunctator) **9**-19d fol.; **11**-155d.
— Maximus Servilianus, Q. **9**-20d.
— **PICTOR, Q.** **9**-20d; **1**-979d; **19**-400c; **19**-509a.
— Vibulanus, Q. **9**-20c.
FABLE **9**-20d; **1**-645d; Anglo-Norman **1**-945c; Fr. **9**-779a; iambic **10**-834c; Jewish **15**-217a; Lessing **13**-967a; Russ. **13**-508c; satire **20**-5b; *see also* Apologue.
Fable for Critics, A (Lowell) **14**-442b.
— *of the Bees* (B. de Mandeville) **14**-792c.
Fables, Ancient and Modern (Dryden) **7**-688c.
Fables (Æsop) **1**-263b.
— (Arnault) **2**-418c.
— (Krylov) **13**-508c.
— (La Fontaine) **13**-590c fol.
— *de Logmâ le sage* (Derenbourg) **14**-487d.
— *in slang* (Ade) **1**-163a.
— *of Krilov* (Rebikov) **19**-9c.
FABLIAU **9**-22a; **1**-945c; **9**-779a; **9**-447c; **12**-984b.
Fablier, le (nick.): *see* La Fontaine, J. de.
FABRE, F. **9**-22c.
—, H. **18**-700b.
—, J. **10**-547b.
—, **JEAN H.** **9**-22d.
— **D'EGLANTINE, P. F. N.** **9**-22d.
— d'Olivet, A. **18**-642a.
FABRETTI, RAPHAEL **9**-23a; **12**-769a.
Fabrezan, Fr. [**24**-26 F4].
FABRI, JACOBUS: *see* Faber, Jacobus.
FABRIANI, S. **9**-23b.
FABRIANO, GENTILE DA: *see* Gentile da Fabriano.
FABRIANO, It. **9**-23b; **17**-229d.
Fabric (textile) **14**-161c; **18**-955a; **23**-456a; Pl. fig. 2 **5**-CLOTHING MANUFACTURE.
Fabricator (tool) **2**-246b.
Fabrician (bridge) **19**-466a.
FABRICIUS, GAIUS L. **9**-23b.
—, **GEORG** **9**-23c.
—, **HIERONYMUS AB AQUAPendente** **9**-23c; **3**-612a; **11**-237d; **15**-201a.
—, Johann **2**-585b; **4**-659b; 660a; **21**-318b.
—, **JOHANN A.** (schol.) **9**-23d; **19**-79b.
—, **JOHANN C.** **9**-24a.
Fabric rope system **18**-391a.
Fabrique de Cailler, Switz. [**24**-30 C3].
Fabrique de romans (Mirecourt) **7**-725d.
Fabris, E. de **9**-388b.
FABRITIUS, C. **9**-24a.
FABRIZI, N. **9**-24b.
Fabrizio, G.: *see* Fabricius, Hieronymus ab Aquapendente.
FABROT, C. A. **9**-24c.
Fabry (sci.) **2**-641b.
FABRY, JACOBUS: *see* Faber, Jacobus.
— and Pérot Interferometer **14**-64c fol.; **21**-189c; Pl. fig. 3 **14**-LIGHT.
Fabula do Mondego (Sá de Miranda) **19**-806c.
Fabulae Atellanae (drama) **7**-585a; **16**-948a.
Fábulas literarias (Iriarte) **12**-626c.
Fabulous Histories: see *Robins.*
FABYAN, R. **9**-24c.
— House, N.H. [**24**-97 C2].
FAÇADE **9**-24d.
Facatativa, Colom. [**24**-162 C3]; **6**-866d.
FACCIOLATI, J. **9**-24d.
FACE **9**-25a; **1**-881d; **7**-630b; **15**-34a.
— (arch.): *see* Band.
— (crystals) **6**-811d fol.
— (golf) **10**-503d.
— (silk mfr.) **20**-675b.
Face centred lattices: *see* Lattices, Face centred.
— **CREAMS** **9**-25a.
— lifting **6**-486c.
— picks (weaving) **9**-956d.
— -plaits fig. 17 **6**-556.
— -plate controller **8**-305b.
— -plate starter, fig. 1 **8**-305.
Faces in the dark (physiol.) **7**-639a.
Faceted eye **20**-629b; fig. 9 **20**-630.
Facetiae (Poggio) **18**-115a.
Facetiae and Miscellanies (Hone and Cruikshank) **6**-768d.
FACE VALUE **9**-25b.
Faceville, Ga. [**24**-114 B6].
Facheux, bay, Nfd. [**24**-93 B3].
Fâcheux, Les (Molière) **15**-669c.
Fachinetti, G. A.: *see* Innocent IX.
Fachingen, Ger. **7**-360c.
Fachiri, A. **7**-49a.
FACIA (arch.): *see* Fascia; Band.
Facial angle **6**-640a.
— artery **1**-882a.
— erysipelas **8**-698a.
— nerve **1**-882a; fig. 9 **4**-14; **7**-375d; **16**-233d.
— neuralgia: *see* Trigeminal neuralgia.
— palsy **8**-342c.
— paralysis **20**-762d.
— vein (anat.) **23**-29a.
— vibrissae **4**-897a.
Facies (geol.) **10**-169c; **15**-329d; **17**-104b; **20**-272a.
— (zool.) **7**-434b.
FACILITATION **9**-25b.
Facing, isl., Queens., Austr. [**24**-169 D3].
— bond **4**-120b.
— **BRICK**: *see* Brick.
Facio, N. **23**-405a.
Fackel, Die (Vienna) **13**-501b.
Fackler, Ala. [**24**-118 D1].
Facoon Island, O. [**24**-125 C5].
Facsimile systems **21**-885c.
Fact **17**-760a.
Facta, Luigi **12**-817a; noted **12**-821d; **23**-124c.
FACTION **9**-25c.
Factiones **5**-721c; **9**-25c.
Factitious air **5**-357c.
Factitious Airs (Cavendish) **5**-75a.
Factitious ideas **7**-252b.
Factograph camera **17**-804d.
FACTOR **9**-25c; algebra **16**-605c; business **1**-346a; genetics **3**-607a; math. **1**-604d fol.; law **9**-27d, number theory **16**-601d.
Factor (biol. and genetics): *see* Gene.
Factor groups **10**-913d.
Factorial **15**-81c.
— function **6**-93d.
— notation **21**-413c.
Factories Act 1911 **11**-805a; 1922 **12**-173d.
— and Shops Act (1896, Austr.) **2**-719a.
Factor of the anemometer **1**-918b.
Factors Act (1889, Eng.) **7**-488b; **19**-874d.
— Act (1877, Eng.) **21**-346a.
— of composition **10**-914a.
— **OF PRODUCTION** **9**-28b.
Factor tables (math.) **15**-81a.
Factory, isl., Fr. Guin., W.Af. **14**-401a.
— buildings **12**-281b; accidents **12**-277a; arch. **2**-277a; electrification **8**-307b; lighting **14**-114d; motor car Pl. I. **6**-CONVEYORS IN MASS PRODUCTION; reform **16**-661d; regulation **12**-305d; site **9**-28c; structural engin. **21**-478c; types **9**-28d.
— **ACTS**: *see* Labour law.
— Bill (1844, Eng.) **5**-934d.
— **CONSTRUCTION AND Planning** **9**-28b; **12**-282b.
— **INSPECTION** **9**-30a.
— legislation **7**-26b.
— lumber: *see* Shop lumber.
— **SYSTEM** **9**-31b; indus. **11**-803a; **15**-38d; tailoring **5**-849c.
— transport **5**-348b.
Factoryville, Pa. [**24**-107 F2].
Fact pleading **18**-408d.
Facts: *see* Datum.
— (law) **8**-906c.
Facture, Fr. [**24**-26 C3].
FACULA **9**-31d; **21**-561a.

Facultative, anaërobe (bac.) **2**-904b.
— referendum **19**-31a.
— Reinsurance **19**-81c.
Faculties, doctrine of **1**-45d.
FACULTY 9-31d.
— of Actuaries: *see* Actuaries, Faculty of.
— of Advocates **13**-871d; **20**-171d.
— Organizations **22**-879a.
— **PSYCHOLOGY** 9-32a.
Facundo (Sarmiento) **21**-150a.
Facundus, Dr.: *see* Petrus Aureolus.
Fad, lake, Scot. **4**-460d.
Fada N'Gurma, Fr W.Af. [**24**-80 E3].
Faddeevski, isl., Arct. O.: *see* Thaddeus.
Faden (measure) **15**-139c.
Fader-Allah **18**-859d.
Fadette, Ala. [**24**-118 D4].
Fadieyev, isl., (Sib.) U.S.S.R. [**24**-57 N1].
FADING (radio) 9-32a; **4**-219a; **4**-208a.
"Fading away" (Robinson) **17**-831b.
Fadir, riv., Arab. [**24**-62 B2].
Fadl. b. Rabī' **4**-607a.
— b. Yaḥyā **4**-606c.
— -el-Maula Bey **8**-105a fol.
FADNIA 9-32a.
Fado (folk-tune) **18**-274c.
Fädrelandet (period) **13**-883c.
Fadren (Strindberg): see *Father, The.*
Faecal impaction (physiol.) **12**-542d.
Faeces (physiol.) **1**-967c; **16**-650d; fertilizer **9**-196c.
FAED, T. 9-32a.
"Faed Fiada": *see* Lovica.
Faejo, isl., Den. [**24**-46 D4].
Faelan, St.: *see* Fillan.
Faemö, isl., Den. [**24**-46 D4].
Faemund-sjö, lake, Nor. [**24**-42 F5].
FAENZA, It. [**24**-34 C2]; **9**-32b; battle (82 B.C.) **15**-336b; faïence ware **9**-35a; pottery **18**-346c.
Faereyinga saga **9**-33a; **12**-53a.
Faergejd, Den. [**24**-46 E4].
Faerie Queene (Spenser) **3**-540b; **6**-634c; **21**-207c; **8**-577b.
Faeroe, chan., North S. **15**-979d.
FAEROE ISLS., North S. [**24**-178 D3; **24**-3 L1]; **9**-32b.
— -Icelandic, ridge, Arct. O. **2**-302c.
FAESI, R. 9-33b.
FAESULAE, Etruria **9**-33c; *see also* Fiesole.
"Fáeth fiada" **12**-638c.
Fafa, riv., Af. **20**-465b.
—, rapids, Nig. [**24**-80 E2].
Fafan, riv., Aby. map **1**-71.
FAFNIR 9-33c; **16**-407d; **20**-646c
Fafresham, Kent, Eng.: *see* Faversham.
FAGACEAE 9-33c; **3**-303d; *see also* Cupuliferae.
Fagales (bot.) **18**-2b.
FAGAN, J. B. 9-33d.
—, Ky. [**24**-116 G3].
—, mt., Ariz. [**24**-149 E7].
Fagaras, Rum. [**24**-53 C3].
Fagernäs, Nor. [**24**-44 C1].
FAGGING 9-33d.
Faggiuola, U. della **17**-956a.
FAGGOT 9-33d; *see* also Bassoon.
Fagin, Tenn. [**24**-117 G2].
Fagne, dist., Belg. [**24**-29 C4].
Fagniani, M. E., marchioness of Hertford: *see* Hertford.
FAGNIEZ, G. C. 9-34a.
Fagones, riv., Parag. [**24**-163 A7].
Fagopyrum esculentum **4**-322c.
— tataricum (bot.) **4**-322c.
Fagotto: *see* Contra-oboe.
Fagradalsfjall, mt., Ice. **12**-43c.
FAGUET, E. 9-34a; 9-799b.
Faguibine, lake, Fr.W.Af. [**24**-80 D2]; **16**-436c; **21**-513b.
Fagundus, Pa. [**24**-106 B2].
Fagus, Mo. [**24**-141 G5].
Fagus (bot.): *see* Beech.
— caroliniana: *see* American beech.
— decurrens Pl. II. fig. 14 **17**-PALAEOBOTANY.
— ferruginea: *see* American beech.
— grandifolia: *see* American beech.
— pendula: *see* European beech.
Fagus pubescens: *see* American beech.
— purpurea: *see* European beech.
— sylvatica: *see* Beech; European beech.
FA-HIEN (Chin. monk) **9**-34a; Bengal **3**-406d; Buddhism **13**-582c; Gilgit **10**-352d; India **5**-534a; Turkist. **22**-621a.
Fahlberg, C. **19**-792c.
FAHLCRANTZ, C. E. 9-34c.
Fählen, lake, Alps **1**-695d.
Fahlerz: *see* Tetrahedrite.
Fahlman, E. **21**-659b.
Fahlore: *see* Tetrahedrite.
Fahr. (abbrev.) **1**-24b.
FAHRENHEIT, G. D. 9-34c; **11**-314a.
— (thermometer) 9-34c; **17**-878a
Fahruj, Pers. Bal. **3**-17c.
Fai, riv., Pal. [**24**-60 C5].
Faial, isl., Azores: *see* Fayal.
Faid, Arab. [**24**-62 C2].
Faidherbe, L. L. C. **9**-34c; Af. **9**-831d; Franco-Ger. War **9**-683a; Senegal **20**-326a; St. Quentin **19**-854c.
Faidi (poet) **17**-609b.
FAIDIT, G. 9-34d; **18**-639a; **22**-499d.
Faïdo, Switz. [**24**-31 F4].
Faidus: *see* Blood feud.
FAIENCE 9-35a; **7**-842a; Den. **18**-359c; Egypt **3**-253a; **8**-52a; enamel Pl. VI. and VII. **8**-EGYPT; floor tile il. **22**-213; Fr. **18**-347c; Ger. **18**-349a; It. **18**-346d; Royen Pl. VII. figs. 4, 5, 6 **18**-POTTERY AND PORCELAIN; Sp. **18**-348c; Syr. Pl. fig. 8 **15**-MOHAMMEDAN ART: *see also* Fayence.
Failakah, isl., Arab. [**24**-62 D2].
FAILLY, P. L. C. DE 9-35a; **9**-677a fol.
FAIN, A. J. F. 9-35a.
—, val., Switz. [**24**-31 H4].
Fā'iq (Bokhara) **19**-917a fol.
Fair, isl., Scot. [**24**-18 G2].
FAIR 9-35b; **23**-285a; **1**-386b.
FAIR, EXHIBITION AND Trade (indus.): *see* Exhibition and Trade Fair.
FAIRBAIRN, ANDREW M. 9-36a.
—, Sir Peter (Eng. mfr.) **9**-36c.
—, W. (geog.) **6**-332a.
—, **SIR WILLIAM** 9-36b; **2**-391c.
Fair ball (baseball) **3**-166b.
Fairbank, Ariz. [**24**-149 E7].
—, Ia. [**24**-138 E2].
—, Md. [**24**-109 C2].
—, S.Dak. [**24**-137 D2].
FAIRBANKS, DOUGLAS 9-36c; Pl. VI. fig. 7 **15**-MOTION PICTURES.
—, E. (mfr.) 9-36c; **23**-482a fol.
—, H. (Am. pol.) 9-36c.
—, J. B. **22**-645a.
—, T. 9-36d; **19**-839a; **23**-482a.
FAIRBANKS, Alsk. [**24**-156 L4; **24**-2 D1]; 9-36d; **3**-600b.
—, Ark. [**24**-120 C2].
—, Ind. [**24**-127 A3].
—, La. [**24**-121 B1].
—, Me. [**24**-96 B4].
—, Minn. [**24**-134 G4].
— scale 9-36d.
Fair Bluff, N.C. [**24**-112 F3].
— Brook, Pa. [**24**-106 D3].
Fairbrother, Louisa: *see* Fitz-George.
Fairburn, Ga. [**24**-114 B3].
—, S.Dak. [**24**-137 A3].
Fairbury, Ill. [**24**-128 D3].
FAIRBURY, Neb. [**24**-139 G4]; 9-36d.
Fairchance, Pa. [**24**-106 B4].
Fairchild, Mont. [**24**-144 C1].
—, Wis. [**24**-133 C5].
— (aeroplane) Pl. II. fig. 4 **1**-AEROPLANES.
Fairchild Family (Trimmer) **5**-474c fol.
Fairclough, Daniel: *see* Featley, D.
Fairdale, Ill. [**24**-128 D1].
—, N.Dak. [**24**-136 F1].
—, Pa. [**24**-107 F2].
Fairdealing, Mo. [**24**-141 G5].
Fairefax, Edward: *see* Fairfax.
"Fairest Isle" (Purcell) **18**-775d.
FAIRFAX, EDWARD 9-37a; **8**-577d; **21**-831b.
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Fe (chem.): *see* Iron.
Fē (money) 6-880d.
F. E. 8 (aeroplane) 1-441d.
Fea, Carlo 12-769d.
Feale, riv., Ire. [24-21 B4].
FEALTY: *see* Feudalism; Seignory; *see also* 11-687b; 9-206b.
Fear, cape, N.C. [24-95 L4; 24-112 H4; 24-189 L4].
— (psych.) 18-688b; abnormal psych. 1-53b; Aeschylus on 1-262c; tabu 21-732a.
Fearer, Md. [24-108 A1].
Fearing, G. R. 13-792a.
—, Israel 9-38c.
"Fearless" (ship) 11-396a fol.
Fearnaught (mech.) 23-733d.
Fearne, isls., Eng.: *see* Farne Isls.
Fearns Springs, Miss. [24-119 D2].
Feast, F. B. 5-435c.
Feast of Fools: *see* Fools, Feast of.
Feast of Life, The (Dygasiński) 18-165d.
"Feast of Pan" (paint., Gillot) 10-354d.
"Feast of Rose Garlands" (Dürer): *see* "Adoration of the Virgin."

"Feast of the Gods" (Bellini) Pl. V. fig. 2 **17**-PAINTING.
Feast of the Harvest (bibl.) **17**-494c.
"Feast of Venus" (Rubens) **19**-613b.
Feast of Weeks: *see* Pentecost.
FEASTS AND FESTIVALS **9**-127a; Agonalia **1**-352b; ales **1**-553a; Chin. **13**-421b; **13**-709a; Christian **10**-518b, **14**-986d; **17**-161c; **19**-800b; **20**-589b; **22**-481a; Gr. **1**-428a; **1**-429d; **7**-48d; **7**-179b; **18**-787c; Hilaria **16**-50a; Indian **1**-643d; **18**-962c; **22**-939a; mediaeval **7**-587a; Pentecost **17**-494c; processions **18**-543b; Rom. **1**-737c; **2**-867b; **15**-533d; **14**-958a: *see also* under names of festivals.
—, movable (of the Church) **4**-572b.
FEATHER, river, Calif. **9**-131c; **4**-590b.
FEATHER (biol.) **9**-128c; **3**-625b; **20**-753b; fig. 1 **9**-128; bleaching **3**-715d; in com. **16**-934c; dyes **7**-803c.
— (archery) **2**-267b.
— (crystall.) **10**-93d.
— -edge (mech.) **21**-891d.
— -edge flaking (archae.) **9**-382d.
Feathering propeller (naut.) **15**-879c.
Feather-mosaic **5**-136b.
— scabies **15**-618a.
— **STARS** (fish) **9**-131c; evolution **7**-903c; *see also* Crinoidea.
Featherston, co., N.Z. [**24**-173 E4].
—, N.Z. [**24**-173 E4].
FEATHERSTONE, Yorks., Eng. **9**-131d.
— colliery (Eng.) **16**-990b.
Featherstonhaugh, Gertrude C. **3**-416a.
Feathertop, mt., Vict., Austr. [**24**-171 H6].
Featherville, Ida. [**24**-145 C6].
Feather-weight (boxing) **3**-986b fol.
FEATLEY (FAIRCLOUGH), Daniel **9**-131d.
Feb. (abbrev.) **1**-24b.
Febrero, Parque 3 de, Buenos Aires, Arg. **4**-339d.
Febrifuge (pharm.) **21**-214c.
Febris recurrens: *see* Relapsing fever.
FEBRONIANISM **9**-131d; Ger. **19**-415a.
Febronius (pseud.): *see* Hontheim, Nicolaus.
FEBRUARY **9**-132d.
— Manifesto (Russ.) **9**-253c.
— patent (Hung.) **11**-910b.
FEBVRE, A. F. **9**-132d.
Fec. (abbrev.) **1**-24b.
FECAMP, Fr. [**24**-24 F2]; **9**-133a; **20**-285a; abbey **3**-397d.
—, riv., Fr. **9**-133a.
FECHNER, GUSTAV T. **9**-133a; **17**-755d; aesthetics **1**-272b; electrometer **12**-449b; emotions **1**-278c; Paulsen **17**-398c; psych. **8**-981a; psychophysics **18**-720c; **18**-712b; subliminal self **21**-491b; Weber's law **23**-469c.
FECHNER'S LAW (psych.) **9**-133c; **23**-218b; **23**-205a.
Fechner-Weber Law (psychophysics): *see* Weber's Law.
Fechtel Berg, mt., Ger. [**24**-50 C1].
FECHTER, C. A. **9**-133c.
Fechtig, S.C. [**24**-113 D4].
FECKENHAM, J. **9**-133c.
Fécocourt, Fr. [**24**-25 M3].
Feculose **17**-234b.
FECUNDITY: *see* Fertility and Fecundity.
FEDCHENKO, A. P. **9**-133d.
Feddan **15**-139c; **8**-67c.
Fedderson (phys.) **8**-190b; **8**-300b; **16**-23d.
Fedele, Cassandra **2**-190c.
Federação do Equador **17**-539a.
Federal, dist., Braz. [**24**-164 B5].
—, Kan. [**24**-142 A3].
—, Wyo. [**24**-146 G4].
— Advisory council (U.S.) **9**-137b.
— -aid highways (U.S.) **19**-342d.
— -aid road act (1916, U.S.) **19**-343d.
— Arbitration Act (1904, Austr.) **2**-719c.
— Bird Reservations (U.S.) **3**-639a.
Federal Board for Vocational Education (United States) **22**-835c.
— Children's Bureau (U.S.) **5**-481d; **5**-473b; prenatal clinics **2**-24b.
— Constitution (U.S.): *see* U.S.: *Constitution.*
— Constitutional Convention (U.S.) **20**-499b; **23**-385d.
— Control Act (1917, U.S.) **22**-838b.
— Council (U.S.S.R.) **19**-700b.
— **COUNCIL OF EVANgelical Free Churches** **9**-134a; **14**-587a.
— Council of the Churches of Christ in America **5**-640a.
— courts (U.S.) **6**-604a fol.; reform **13**-172d fol.
— Dam, Minn. [**24**-134 D4].
— District, Braz. **4**-51b.
— District, state, Venez. **23**-53c.
— Equity Rules (1912, U.S.) **13**-174b.
— **FARM BOARD** **9**-134a.
— Farm Loan Act (1916, U.S.) **1**-362a.
— **GOVERNMENT** **9**-134b; **10**-562a; U.S. **6**-321b.
Federal hall (N.Y.C.): Washington **16**-389d; **23**-386a.
— Highway Act (1921, U.S.) **11**-551d.
— Intermediate Credit Banks (U.S.) **1**-363d.
Federalist, The **14**-611b; **11**-122c fol.; influence **1**-786d.
FEDERALIST PARTY (U.S.) **9**-135d; **22**-793b; Adams **1**-155a; Boston **3**-937c; Conn. **6**-270c; Constitution **22**-791d; decline **22**-794c; Jefferson **12**-988d; **7**-186a; N.H. **16**-305a.
Federalists (Arg.) **2**-328c.
— (Maced.) **1**-583d.
Federal land banks (U.S.) **1**-362c; **22**-742d.
— Land Grant Act (1862, U.S.) **1**-367d.
— Loan Council (Austr.) **4**-192c.
— Militia Law (1792, U.S.) **15**-486b.
— Oil Conservation Board (U.S.) **17**-667a.
— Old Age Pension Act (1908, Austr.) **2**-719d.
— Pact (Switz.) **21**-688c.
— Radio Commission (U.S.) **4**-212d.
— Reclamation Act (1902, U.S.) **13**-657c.
— Reserve Acts (U.S.) **9**-137a fol.; and com. **3**-575b; and farmer **1**-363b; savings acc'ts. **3**-41d; Wilson **23**-634a.
— Reserve building, Chicago, Ill. **5**-449b.
— **RESERVE SYSTEM, THE** (U.S.) **9**-136b; **1**-92a; **3**-75b fol.; **3**-51a; **22**-742b; central bank **5**-142b; House's work **11**-809b; and It. **12**-827b; money market **15**-700c; **15**-702d fol.; stabilization **7**-508a.
Federalsburg, Md. [**24**-109 D2].
Federal Secret Service (U.S.) **17**-942a.
— Specifications Board (U.S.) **21**-311a.
— **TRADE COMMISSION, The** (U.S.) **9**-138d; **12**-537c; **4**-455c; Act (1914) **22**-521a; **23**-634a; interstate com. **12**-540b; **22**-834d; judicial feature **13**-174b.
Federated Malay States: *see* Malay States (British).
— Superannuation System **17**-492d.
Fédération Aéronautique Internationale **2**-811a.
— Horticole Professionelle Internationale **11**-778a.
— Internationale d'Escrime **9**-156c.
— Internationale des Echecs **5**-433d.
— Internationale Pharmaceutique **17**-692b.
Federation of American Motorcyclists **15**-905a.
— **OF BRITISH INDUStries** **9**-139d; **2**-566d.
— of Chambers of Commerce of the British Empire: *see* Chambers of Commerce.
— of Foundry Trades (Gr. Brit.): *see* Foundry Trades.
— of Girls' Clubs (U.S.) **4**-683d.
Federation of Residential Settlements (Eng.) **20**-903b.
— of Women's Clubs, The General: *see* Women's Clubs.
Fédération pour la Coopération européenne. **22**-850c.
— Sportive Féminine Internationale **2**-615a.
Federazione italiana operai metallurgici **12**-820d.
FEDERER, HEINRICH **9**-140c.
Federighi, Antonio **20**-622a.
—, Benozzo (Fiesole) **7**-170c.
Federigo (name): *see* Frederick.
Fedorovsky Gorodok, U.S.S.R. **7**-808b.
Federsee, lake, Ger. **23**-816d.
FEDERZONI, LUIGI (It. pol.) **9**-140c.
Fedin, Constantine **19**-757c.
Fedjedi, lake, Tun. **22**-556c.
Fedora, S.Dak. [**24**-137 G2].
Fedorou machine gun **20**-810b.
Fedw-ddu, Wales [**24**-16 C2].
Fee, Switz. [**24**-30 D4].
FEE (law) **9**-140d; *see also* Fief; Feudalism.
Feeagh, lake, Ire. [**24**-20 B3].
FEEBLE-MINDEDNESS **9**-140d; **21**-499c; *see also* mental deficiency.
Feed (milling) **9**-406c.
— (of pen) **9**-561d.
— -back (radio): *see* Regenerative circuit.
Feeder (elec.) **8**-170c.
— (print.) **18**-507b.
— cable (telephone) **21**-898a.
— -grinder (mech.) **9**-83d.
Feeding, artificial **12**-319d.
—, infant **12**-320a.
— barley (grain) **3**-117c.
— Hills, Mass. [**24**-98 B1].
— **STUFFS** **9**-142a; prices **1**-381a.
Feed-mill (mech.) **9**-83d.
— pump **8**-153c.
— -water heater **8**-153b; **21**-365c; locomotives **14**-282b.
Fee farm rent (econ.) **19**-154a.
Feelers (zool.): *see* Antennae.
Feeler-speech (zool.) **18**-702c.
FEELING, PSYCHOLOGY of **9**-143d; cognition and conation **18**-679b; Epicurus **8**-648d.
Feely, Mont. [**24**-144 B3].
—, Tex. [**24**-122 D5].
Feeney, J.F. **16**-341a.
Fee simple (law) **23**-606b; **8**-728b.
Feet (anat.): *see* Foot.
Fee tail (law) **8**-728b.
Feetham, R. (jur.) **12**-630c.
—, Yorks., Eng. [**24**-13 B3].
Feet of Fines **19**-14b.
Fegatella (bot.) **4**-303c.
FEHLING, HERMANN VON **9**-148a; solution **9**-148a; **12**-254b.
FEHMARN, isl., Ger. [**24**-36 E1]; **9**-148a.
— Belt, chan., Baltic [**24**-46 D4].
FEHMIC COURTS **9**-148a.
Fehmy, Ali **8**-100c.
FEHRBELLIN, Ger. [**24**-36 F2]; **9**-148d; battle (1675) **21**-646a.
FEHRENBACH, K. **9**-148d.
Fehrow, Ger. [**24**-39 K2].
Fei, China [**24**-70 C2].
Feia, lake, Goyaz, Braz. [**24**-164 A4].
—, lake, Rio de Janeiro, Braz. [**24**-164 B5].
Feidlimid (f. of St. Columba) **6**-75a.
— (myth.) **7**-144c.
Feigl, M. **5**-435b.
Feijó, D. A. **4**-58c.
FEIJOA (tree) **9**-149a.
FEIJOO Y MONTENEGRO, B. J. **9**-149a; **21**-158d.
Feilberg, H.F. **7**-35d.
Feilchenfeld, Werner **18**-561b.
Feilden, H. W. **2**-297b.
Feilding, Beau: *see* Feilding, Robert.
—, May **11**-126d.
—, Robert (Beau) **5**-805a.
—, William, 1st and 3rd earls of Denbigh: *see* Denbigh.
Feili Lurs (people) **14**-489a.
Feillens, Fr. [**24**-27 H1].
Feinagle, Gregor von **15**-624c.
Feine, P. **6**-657d; **1**-143a.
Feinecchus: *see* Brehon Laws.
Feint (basketball) **3**-182b.
— (fencing) **9**-157c.
Feints and spirits charge (duty) **21**-241d.
Feira, N.Rhod. [**24**-83 F6].
Feira, Auto da (Vicente) **23**-118c.
Feira de Santa Anna, Braz. [**24**-164 C3]; cattle-fairs **2**-930d.
FEIS CEOIL (festival) **9**-149b.
Feishkhabur, 'Iraq. [**24**-61 A1].
FEISUL AL HUSAIN, (k. of 'Iraq) **9**-149b; **17**-141b; **7**-3b; **21**-718a; G. Bell **3**-372a; T. E. Lawrence **11**-391c; Paris Conference **17**-299d.
— (Oman ruler) **2**-183a.
— (Wahhabi ruler) **2**-181a.
Feit, W. **4**-527c.
FEITH, RHIJNVIS **9**-149c; **7**-774b.
Feitico (charm) **9**-202d.
FEJER, GYORGY **9**-149c.
—, El, Arab. [**24**-62 B2].
FEJERVARY, GEZA, Freiherr von **9**-149d.
FELANITX (FELANICHE), Bal. Is. **9**-149d.
Felbinger, Jeremiah **21**-231d.
Felbridge, Eng. [**24**-15 C4].
Felbrigge arms fig. 5 **11**-465.
Felchville, Vt. [**24**-97 B3].
Feldbach, Aus. [**24**-50 D3].
Feld Berg, mt., Ger. [**24**-36 C5; **24**-186 C2]; **2**-914a.
Feldborg, Den. [**24**-46 A2].
Felder, S.C. [**24**-113 D3].
FELDKIRCH, Aus. [**24**-50 A3]; **9**-149d; **9**-823a fol.
Feldman, Herman **18**-571c.
—, Ariz. [**24**-149 E6].
FELDSPAR: *see* Felspar.
FELIBIEN, ANDRE (arch.) **9**-150a.
—, Jean F. (arch.) **9**-150a.
—, Michel (hist.) **9**-150a.
Félibrige (lit.) **15**-615d; **18**-642b.
Felice, (aqueduct It.) **2**-161c.
—, Christoforo: tomb Pl. XII. fig. 2 **20**-SCULPTURE.
Felicia amelloides: *see* Blue daisy.
Feliciano (of Verona) **4**-615c.
Felicitas (martyr) **4**-947b.
— Julia, Port.: *see* Lisbon.
Félicité, isl., Ind. O. **20**-420d.
Felicity, O. [**24**-125 A5].
—, lake, La. [**24**-121 D4].
Felida, Wash. [**24**-150 C5].
Felidae **5**-13c; claws **20**-753d; distribution **23**-969a; *see also* Cat.
Felim O'Connor (Connacht) **12**-603b fol.
Felinae **4**-899a; distribution **23**-969a.
Felindre, Wales [**24**-16 C2].
Felin-fach, Wales [**24**-16 C3].
Felippéa, Braz.: *see* Parahyba.
Félire (ms.) **12**-638d.
Felis (mammal) **4**-899a.
— atrox: *see* Giant tiger.
— bengalensis: *see* Leopard-cat.
— catus: *see* Wildcat, European.
— chaus: *see* Jungle-cat.
— concolor: *see* Puma.
— domestica: *see* Cat.
— eyra: *see* Eyra.
— jaguarondi: *see* Jaguarondi.
— leo: *see* Lion.
— manul: *see* Manul.
— marmorata: *see* Marbled cat.
— megalotis (a species of wild-cat found in Timor and Rotti) **22**-230b.
— nebulosa: *see* Clouded leopard.
— ocreata maniculata: *see* Wild cat, African.
— onca: *see* Jaguar.
— ornata: *see* Indian desert-cat.
— pardalis: *see* Ocelot.
— pardus: *see* Leopard.
— serval: *see* African wild cat.
— sylvestris: *see* Wild cat.
— sylvestris tartessia: *see* Andalusian wild cat.
— tigrina: *see* Tiger-cat.
— tigris: *see* Tiger.
— tristis: *see* Fontanier's cat.
— uncia: *see* Snow-leopard.
— viverrina: *see* Viverrine cat.
Feliú y Codina, José **21**-159c.
FELIX, SAINT (of Valois) **9**-150a; **22**-479c.
FELIX, I., III., IV. (popes) **9**-150b.
— II. (antipope) **9**-150b; Damasus I. **7**-4d.
Felix V. (pope) **9**-150c; **20**-24d; election **8**-810a; **3**-168b.
— I. (Aquitaine) **2**-167c.
— (bp. of Aptunga) **7**-525b.
— (Aus.) **11**-59b.
FELIX (bp. of E. Anglia) **9**-150c.
Felix (gov.) **3**-528a.
FELIX (bp. of Urgella) **9**-150c; adoptionism **1**-177c; Rom. synod **13**-926a.
—, **ANTONIUS** **9**-150d.
—, Elizabeth (Fr. act.): *see* Rachel.
—, W. **11**-311c.
—, Ariz. [**24**-149 E6].
—, Wyo. [**24**-146 G1].
—, riv., N.Mex. [**24**-148 E5].
Felix Holt (Eliot) **8**-359b.
FELIXSTOWE, Suff., Eng. [**24**-15 E4]; **9**-150d.
Felk Alem, Arabia [**24**-62 C2].
Felkel, A. (Aus.) **15**-81a.
Fell, Jesse **2**-39b.
FELL, JOHN **9**-151a.
—, Margaret: *see* Fox, Margaret.
—, Samuel **9**-151a.
—, Thomas **9**-850a.
FELL **9**-151d.
— (pony) **11**-756d.
FELLAH (FELLAHIN) **9**-151d; **8**-37b fol.; soldiery **8**-61c.
Fellahiyeh, Pers. [**24**-63 B2].
FELLENBERG, P. E. VON **9**-152a.
Felletin, Fr. [**24**-26 F2]; industries **6**-687d; tapestry **21**-801a.
Fellin, Est.: *see* Wiljandi.
FELLING, Dur., Eng. [**24**-13 C3]; **9**-152b.
Fellmongery Pl. IV. fig. 4 **20**-SHEEP.
FELLOE (wheel) **9**-152b; **23**-566a.
FELLOW **9**-152b.
— (student) **10**-587b.
Fellow Craft (freemasonry) **9**-738a fol.
Fellowes, Sir Thomas (nav. of.) **16**-171c.
FELLOWS, SIR CHARLES (archae.) **9**-152b.
—, George S. **15**-624d.
—, Calif. [**24**-155 D5].
—, Wis. [**24**-133 D7].
Fellow servant rule **22**-307b.
Fellowships **19**-206c.
Fellowship system **23**-277a.
Fell Sandstone series **4**-844a.
Fellsburg, Kan. [**24**-142 C4].
Fell seam, French (sewing) fig. 5 (A) **11**-703 fol.
Fellsmere, Fla. [**24**-115 H4].
Felly (wheel): *see* Felloe.
FELO DE SE (law) **9**-152c; **11**-705d.
FELONY **9**-152d; accessory **1**-92c; anc. punishment **22**-312b; arrest **2**-431a; bail **2**-935d; forfeiture **9**-508a; habeas corpus **11**-53d; indictment **12**-254d; misdemeanour **15**-592d; Official Secrets Acts **16**-726d; pardons **23**-366c; *see also* Criminal law.
—, misprision of **15**-593d.
— Act (1870, Eng.) **8**-704c; **13**-805d.
Felpham, Sus., Eng. [**24**-15 C5].
Fels, Luxem. [**24**-29 E5].
Felsberg, Ger. [**24**-38 E2].
Felsina (city): *see* Bononia.
FELSITE (petrol.) **9**-153a.
Felsites **18**-100a.
FELSPAR (FELDSPAR) **9**-153b.; **7**-506a; **13**-635b; **15**-325d; basalt **3**-158c; coal-washing **5**-892d; diorite **7**-401a; gabbros **9**-960a; granulites **10**-643a; Hällefinta **11**-101b; hardness **1**-61b; **10**-93d; metasomatism **15**-334a; micropegmatite **15**-430b; napoleonite **16**-116b; orthoclase **16**-938b; plagioclase group **17**-991a; pneumatolysis **18**-100a; porcelain mfr. **18**-355c; rhyolite **19**-271c; scapolite **20**-52b; teeth **21**-876d.
— china **5**-551a; **5**-551d.
Felspathic glaze **18**-339d.
Felspathoid (min.) **3**-158d.
"Felstead" (horse) **11**-765c.
FELSTED (FELSTEAD) Ess., Eng. **9**-153d.
Felt, Dorr Eugene **4**-550c.
—, Ida. [**24**-145 G6].
—, Okla. [**24**-143 A2].
FELT (fabric) **9**-154a; **14**-166d; **19**-531b.
— gall (bot.) **9**-988c.

FELTHAM, OWEN (moralist) 9-155a; 8-386b.
Felt hat 11-249c.
FELTON, CORNELIUS CONWAY (schol.) 9-155a.
—, **JOHN** 9-155a; 4-317a.
—, Del. [24-109 D1].
—, Ga. [24-114 A3].
—, Minn. [24-134 B4].
—, Northumb. [24-12 C2].
—, Pa. [24-107 E4].
—, West, Salop., Eng. [24-16 D2].
— portrait (of Shakespeare) 20-449d.
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FELTRE, It. [24-34 C1]; 9-155b.
—, Vittorino da 7-977c.
Feltria, It.: *see* Feltre.
Felu, falls, Af. 20-327c.
FELUCCA 9-155b; 3-763d; 13-737b.
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Female Dramatist, The (G. Colman, jr.) 6-29a.
"Female Prisoner at the Bar, A" (F. Walker) 23-299c.
Female Quixote, The; or the Adventures of Arabella (C. Lennox) 13-918d.
— Homer (nick.): *see* Anyte.
— soldiers 6-979b.
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FEMERELL (FUMERELL) 9-155b.
Feme sole (law) 9-155b.
Feminine caesura (prosody) 4-528a.
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Fismes, Fr. [24-25 J2]; 14-934d.
Fisovios Sancios (myth.): *see* Semo Sancus Dius Fidius.
Fission (biol.) 2-901d; 5-374d fol.; coelenterata 5-967d; relation to death 7-111b.
— fungi (biol.): *see* schizomycetes.
Fissipede arctoids (carnivora) 4-899a fol.
Fissure eruption (geol.) 23-240d.
Fissurella (zool.) 10-60a fol.
Fissure of Rolando (anat.) 4-13a.

Fissure of Sylvius (anat.) **1**-881c; **4**-13a.
FISTULA (surg.) **9**-330c; **21**-604c.
Fistulariidae (zool.) **9**-318d.
FIT (prosody) **9**-330d.
— (adjective) **9**-330d.
— (med.) **9**-330d; *see also* Epilepsy..
Fitch, Asa, work **8**-626d fol.
—, **JOHN** **9**-330d fol.
—, **SIR JOSHUA G.** **9**-331a.
—, **RALPH** **9**-331b.
—, **WILLIAM CLYDE,** **9**-331c; **7**-612b.
—, N.C. [**24**-112 F1].
— (fur) Pl. II. figs. 6 and 9 **9**-FUR.
FITCHBURG, Mass. [**24**-98 C1]; **9**-331c.
—, Wis. [**24**-133 D7].
FITCHEW (zool.) **9**-331d.
Fitch hair **4**-293b.
Fitching (basketry) **3**-178d.
Fitchmoor, Ill. [**24**-128 C2].
Fitchville, Conn. [**24**-101 D1].
—, O. [**24**-124 C2].
Fitchy (her.) **11**-464a.
Fitela: *see* Sinfjotli.
Fitful Head, cape, Scot. **20**-501b fol.
Fitger, A. **10**-228b.
Fith: *see* Iserninus.
Fiti (Af. caste): *see* Angoni.
Fitler, Miss. [**24**-119 A3].
Fitnet (Turk. poet.) **22**-620b.
Fitr (measure) **8**-67c.
Fitted goods **14**-85d.
FITTER (mech.) **9**-331d.
— (trade) **23**-270a.
FITTIG, RUDOLF **9**-331d.
FITTING, HANS **9**-332a.
— shop **14**-85d.
Fittleworth, Sus., Eng. [**24**-15 C5].
FITTON, MARY **9**-332a.
—, **WILLIAM HENRY** **9**-332b.
Fitz, A. **4**-472d.
FitzAilwyn, Henry **14**-364c.
FitzAlan (fam.) **21**-404a.
— Alan, Beatrix, countess of Arundel: *see* Arundel.
— Alan, Edmund Talbot, viscount **2**-967d; *see also* Arundel.
— Alan, Henry, 12th earl of Arundel: *see* Arundel.
— Alan, Humphrey, earl of Arundel: *see* Arundel.
— Alan, John, earl of Arundel: *see* Arundel.
— Alan, Richard, earl of Arundel: *see* Arundel.
— Alan, Sir Thomas, earl of Surrey and Arundel: *see* Surrey.
— Alan, Thomas (archbp.) **2**-492a.
— Alan, Walter **17**-68b.
— Alan, William, earl of Arundel: *see* Arundel.
— Alan (arms) fig. 5 **11**-465.
— Alan (of Bedale) (arms) fig. 3 **11**-461.
FITZBALL, EDWARD **9**-332c.
FitzGeorge, Louisa **4**-648d.
FITZGERALD (fam.) **9**-332c; *see also* Kildare and Desmond, earls of, Leinster, earls of.
—, David **9**-332d.
—, **LORD EDWARD** **9**-334b.
—, **EDWARD** (writ.) **9**-335b.
—, Elizabeth **9**-333b.
—, Lady Elizabeth **21**-607c; **9**-333b.
—, **GEORGE F.** **9**-335d.
—, Gerald **9**-332d.
—, John **7**-263a.
—, Pamela **9**-334c.
—, **RAYMOND** **9**-336a.
—, Lord Robert Miniature Pl. II. fig. 7 **15**-MINIATURE PAINTING.
—, Scott **1**-794c.
—, **LORD THOMAS,** 10th earl of Kildare **9**-335a; **9**-333a.
—, Thomas **8**-508b.
Fitzgerald, co., N.S.W., Austr. [**24**-170 F3].
—, Alta., Can. [**24**-91 D1].
FITZGERALD, Ga. [**24**-114 C5]; **9**-336b.
—, N.Y. [**24**-103 E1].
—, mts., W.Aus. [**24**-168 C5].
Fitzgerald-Lorentz hypothesis (phys.) **15**-417d.
Fitzgibbon, John: *see* Clare.
FitzGilbert, David Fitzwalter: *see* Hamilton.
FitzGilbert, Walter **11**-120b.
— de Clare, Richard: *see* Pembroke, Richard FitzGilbert de Clare, 2nd earl of.
Fitz Hamon, Robert **4**-850d; Newport, lordship of **16**-325d.
Fitzharris, James Harris, viscount: *see* Malmesbury, 1st earl of.
FITZHERBERT, SIR ANthony **9**-336b; **23**-881d.
—, Mary Anne **10**-188d.
—, **THOMAS** **9**-336b.
—, William: *see* William of York, St.
Fitzhugh, Ark. [**24**-120 D2].
—, Miss. [**24**-119 B2].
—, Okla. [**24**-143 G4].
—, sd., B.C. Can. [**24**-92 D4].
Fitz-Jocelyn, Reginald **4**-766d; **23**-504a.
FitzMary, Simon **3**-301a.
Fitzmaurice (fam.): *see* Lansdowne, marquesses of.
—, Thomas Hamilton, earl of Orkney: *see* Orkney.
—, **EDMOND GEORGE,** baron **9**-336c.
—, James **2**-811b; Pl. IV. fig. 5 **22**-TRANS-O. AND TRANS-CONT. FLIGHTS.
—, Maurice **22**-562d.
—, Patrick, lord of Kerry: *see* Kerry.
—, Thomas, lord of Kerry: *see* Kerry.
—, Thomas **16**-906a.
—-**KELLY, JAMES** **9**-336c.
FITZ NEAL (FITZ NIGEL), Richard **9**-336d; **8**-565b.
Fitz Nichol, Robert **4**-156b.
FITZ-OSBERN, ROGER, earl of Hereford **9**-337a.
—-**OSBERN, WILLIAM,** earl of Hereford **9**-337a.
FITZ OSBERT, WILLIAM **9**-337b.
Fitzpatrick, Sir Percy **22**-429d.
—, B. R. **4**-871d.
—, Thomas **16**-887c; **23**-830c.
—, Que., Can. [**24**-89 B2].
FITZ PETER, GEOFFREY, earl of Essex **9**-337b; *see also* Essex.
Fitzpiers, Geoffrey, earl of Essex: *see* Essex.
Fitz-Roger, Richard **14**-538a.
Fitzroy (fam.): *see* Grafton, dukes of.
—, Charles, earl of Southampton and duke of Cleveland: *see* Southampton.
—, George, duke of Northumberland **16**-536d.
—, Henry, duke of Richmond: *see* Richmond.
—, Henry, duke of Somerset: *see* Somerset.
—, **ROBERT** **9**-337c.
—, co., N.S.W., Austr. [**24**-171 L3].
FITZROY, W. Aus., Austr. [**24**-168 D2]; **9**-337d.
—, riv., Queens., Austr. [**24**-169 C3; **24**-192 D2]; **2**-708a.
—, riv., W. Aus., Austr. [**24**-168 C2; **24**-192 B1].
— Harbour, Ont., Can. [**24**-90 D2].
Fitzsimmons, Robert **3**-990c.
—, F. W. **1**-316a.
Fitz Stephen, Ralph **10**-422a.
— **STEPHEN, ROBERT** **9**-337d.
— **STEPHEN, WILLIAM** **9**-338a; **5**-943a.
— **THEDMAR, ARNOLD** **9**-338a.
Fitz Thomas, Gerald, 8th earl of Kildare: *see* Kildare.
— Thomas, James (Fitzgerald) earl of Desmond: *see* Desmond.
— Thomas, John, 1st earl of Kildare: *see* Kildare.
— Thomas, Maurice, 4th earl of Kildare: *see* Kildare.
— Thomas, Maurice Fitzgerald, earl of Desmond: *see* Desmond.
— Thomas, Thomas, 2nd earl of Kildare: *see* Kildare.
— Thomas, Thomas, 7th earl of Kildare: *see* Kildare.
Fitz Walter (fam.) **5**-754d.
—, Matilda **14**-681d.
FITZWALTER, ROBERT **9**-338c.
—, Robert Radcliffe, viscount: *see* Sussex, Robert Radcliffe, earl of.
Fitz Warin, Fulk **14**-681d; **20**-588a.
Fitzwarine, Henry **14**-234c.
Fitzwilliam, Charles W. Wentworth, 3d earl of **9**-338d.
—, John **16**-485c.
—, Richard, 7th viscount **9**-339a.
—, Roger, earl of Hereford: *see* Fitz-Osbern.
—, **WILLIAM W. FITZWILliam, 2nd earl of** **9**-338c.
FITZWILLIAM, SIR WILliam **9**-338d.
—, N.H. [**24**-97 B4].
—, Isl., Ont., Can. [**24**-90 B2].
Fitzwilliam (arms) fig. 4 **11**-463.
— Depot, N.H., [**24**-97 B4].
— House (Cambs., Eng.) **4**-652c.
— **MUSEUM** (Cambs., Eng.) **9**-339a.
Fitzwilliams (of Meryon) **9**-338c.
— (of Milton Manor) **9**-338c.
Fitzwilliam Virginal Book **9**-95b.
FIUGGI, It. **9**-339a.
Fiume, prov., It. **23**-47d.
—, dept., It. **12**-761b.
FIUME, It. [**24**-34 E2; **24**-9 J4]; **9**-339a; **12**-818d; **6**-993b; **21**-579a; **2**-981b fol.; **16**-30a; Yugos. **23**-923b; **2**-6b; s.s. route to Trieste [**24**-9 J4].
Fiumicino, It. **18**-297b.
—, riv., It. **19**-614b.
Five, council of (Czech.): *see* Pětka.
—, Council of (peace conference, 1919) **21**-586d.
— Articles of Perth (1618, Scot.) **20**-165b.
— Ashes, Sus., Eng. [**24**-15 D4].
— back (bowling) **3**-978d.
— Blossom (carpet) **19**-627b.
— cards (piquet) **17**-949b.
Five-chu piece (coin) Pl. VII. fig. 15 **16**-NUMISMATICS.
Five-day week (indus.) **1**-769a.
"5", destroyer (Jap.) Pl. fig. 4 **7**-DESTROYER.
Five-electrode valve (elec.) **22**-82c.
Five Fifths of Ireland (hist.) **12**-598c.
— Finger flower (bot.): *see* Cinquefoil.
Five-finger (zool.): *see* Cross fish.
— Fingers, N.B., Can. [**24**-88 B1].
— foil arch (arch.) il. **2**-232c.
— Forks, Va. **17**-652d.
— Forks (battle, 1765) **1**-766b; map **1**-756.
Fivehead (place-name, Eng.) **17**-988a.
Fivehide (place-name, Eng.): *see* Fivehead.
Five Hundred, Council of the (Fr. hist.) **16**-87c.
— Islands, N.S., Can. [**24**-88 E3].
— Leaders, The (Chin.) **5**-532d.
— Mile Town, Ire. [**24**-20 D2].
— Mile Act (1664, Eng.) **5**-272c; **5**-759b.
— **NATIONS:** *see* Iroquois.
— Oaks, Sus., Eng. [**24**-15 C4].
— Particulars (speech) **9**-566d.
Five-partite leaf (bot.) fig. 5 **13**-826.
Fivepoints, Ala. [**24**-118 D2].
Five Points, O. [**24**-125 B4].
— Points (rel. doctrine) **9**-921d.
Five-Power Treaty **5**-353b.
FIVES (Brit. game) **9**-340a.
Five Scenes (Landor) **13**-655d.
"Five Sisters" (windows, York Minster) **23**-897c.
Five-Spot (plant) **16**-211c.
Five-stones (game): *see* Knucklebones.
— thread sateen (fabric) fig. 11 **23**-457.
Five Treasures (Nizāmī) **16**-475c.
Five-unit code (telegraphy): *see* Baudot code.
— unit rambling plan, farmhouse Pl. fig. 3 **11**-HOUSE PLANNING.
— Years' Truce (Gr.) **5**-708b.
Fix (hydrography) **5**-301a.
Fixation (histology) **11**-591a.
— (perfume mfr.) **17**-507b.
Fixed air (chem.) **5**-357b fol.; **3**-677b.
— and flashing lights **14**-93c.
— and group-flashing lights **14**-98c.
— artillery (coast defence) **20**-637b.
— **ASSETS** (fin.) **9**-340c; bal. sheets **2**-957a.
— axes (phys.) **15**-160d.
— bridge (engin.) **4**-128d.
— capital (econ.) **4**-795b; **18**-746a fol.
Fixed condenser (elec.) Pl. I. fig. 8 **6**-CONDENSER (ELECTRICAL).
Fixed-doh system (mus.) **20**-638b.
— Easter Bill (Eng.) **7**-860a.
— gauge (mech.) **22**-292d.
— kiln (furnace): *see* Shaft kiln.
— liabilities (fin.) **2**-957a.
— lights **14**-98b.
— mounting (guns) **16**-867d.
— oils (chem.) **16**-745d.
— point **23**-210d.
— **PRICE** (fin.) **9**-340c.
— star (astron.) **21**-317c.
— tissue (histology) **11**-591a.
Fixing (naut. surveying) **5**-300d.
— bath (phot.) **17**-810a.
FIXTURES (leg.) **9**-340d.
— (plumbing) **11**-824d.
Fiyambiro, Aby. map **1**-71.
FIZEAU, ARMAND HIPPOlyte Louis **9**-341c; induction coil **12**-272d; infra-red rays **18**-875c; light velocity **23**-34d; optics **7**-535d.
Fizes, Nicholas **18**-641c.
Fiz-gig (instru.): *see* Gig.
Fiziko-Matematichesko Obshchestvo (Russ. society) **15**-78a.
Fjaerlands, fjord, Nor. **20**-926a.
Fjallasen, Swed. [**24**-42 K3].
Fjellerup, Den. [**24**-46 C2].
Fjelstrup, Den. [**24**-43 B3].
Fjerdingkar (measure) **15**-139c.
Fjerritslev, Den. [**24**-46 B1].
FJORD (FIORD), (sea loch) **9**-341d; geol. formation **10**-162b.
fl. (abbrev.) **1**-24b.
Fla. (abbrev.) **1**-24b.
Flabbergast (slang) **20**-766b.
Flabelli (fans) **23**-8c.
FLACCUS (fam.) **9**-342a.
—, Alcuin (Eng. schol.): *see* Alcuin.
—, Aulus P. **5**-776a; *see also* Persius.
—, Gaius Valerius: *see* Valerius Flaccus, Gaius.
—, L. Valerius (Rom. consul) **6**-646a; murder **19**-493b.
—, Marcus Fulvius **9**-342b.
—, Marcus Verrius (Rom. gram.) **18**-412b; *see also* Verrius Flaccus, Marcus.
—, Q. Horatius: *see* Horace.
—, Quintus Fulvius (Rom. consul) **9**-342b.
—, Valerius (Rom. writ.) **5**-776a.
FLACH, GEOFFROI Jacques **9**-342c.
Flacherie (disease) **20**-660c.
Flachgräber (graves) **2**-256c.
FLACIUS (ILLYRICUS), Matthias (It. theol.) **9**-342c.
—, Matthias (Ger. theol.) **11**-394c; **1**-166a.
Flackebos, N.Y.: *see* Flatbush.
Flad, Adolf **18**-357d.
Fladdachuan, isl., Scot. [**24**-18 B4].
Fladday, isl., Scot. **20**-765c.
Flade, Den. [**24**-46 C1].
Fladmoe, S.Dak. [**24**-137 A1].
Fladsaa, riv., Den. [**24**-46 A3].
Fladungen, Ger. [**24**-38 F3].
Flag, Ark. [**24**-120 C2].
— (bristle) **4**-293b fol.
FLAG (FLAGGE) (emblem) **9**-342d; implication **13**-431d; Japan **12**-918a; mediaeval **6**-70a.
— (ensign) **20**-640c fol.; marine signalling **20**-643b.
— (in geology) **20**-679b and following.
—, pujah of the (Hindu term) **18**-759a.
— arnotto (dye) **1**-983a.
— Bill (1926, S.Af.) **21**-61d.
— Center, Ill. [**24**-128 C2].
Flagella (zool.) **18**-622a fol.
FLAGELLANTS (rel.) **9**-349d.
"Flagellants, The" (paint., Marr) **14**-939c.
Flagellata (bot.) **1**-594b.
FLAGELLATA (zool.) **9**-350b; coloration **6**-72c.
Flagellates (bot.) algae **1**-600d; in soil **20**-932d; psych. **18**-697b; *see also* Flagellata.
FLAGELLATION: *see* Mutilations and Deformations; Flagellants.
"Flagellation" (paint., Grünewald) **10**-925a.
— (paint., Holbein) **11**-635d.
FLAGELLUM (zool.) **9**-350b.
FLAGEOLET (mus. instru.) **9**-350b.
FLAGG, ERNEST **9**-350c; U.S. Naval Acad. **22**-850a.
—, Ill. [**24**-128 C2].
Flagitiosum scelus (papal bull) **16**-480a.
Flagler, Henry M. **19**-823b; Miami **15**-404d.
—, co., Fla. [**24**-115 G2].
—, Colo. [**24**-147 G2].
—, Ia. [**24**-138 D3].
— Beach, Fla. [**24**-115 G2].
Flagon (vessel) descr. **9**-359c; leather **7**-664c; Pls. I., II., and IV. **17**-PEWTER.
Flag Pond, Tenn. [**24**-117 J1].
Flags are Flying in Town and Port (nov., Björnson) **3**-676c.
FLAGSTAFF, Ariz. [**24**-149 D3]; **9**-350c; Lowell observatory **16**-673d; Pl. II. fig. 5 **16**-OBSERVATORY.
—, Me. [**24**-96 B3].
—, mt., Pa. **15**-101a.
Flagtown, N.J. [**24**-105 B2].
FLAHAUT DE LA BILLARDerie, Auguste C. J., comte de **9**-350d.
FLAIL (implement) **9**-351a; **22**-160d fol.
— (weapon) **9**-351a.
Flaithbertuch (Ir. k.) **12**-601a.
Flajšhans, Václav **6**-966d.
Flake (carnation) **4**-893d.
Flake white (color) **16**-740c; *see also* White lead.
Flaking (min.) **9**-382c.
Flaky pastry (baking) **17**-363d.
Flåm, Nor. [**24**-44 B1].
Flamand, Que., Can. [**24**-89 B3].
—, riv., Que., Can. [**24**-89 B3].
Flamanville, Fr. [**24**-24 D2].
Flamatt, Switz. [**24**-30 C3].
Flambard, Ralph (Eng. bp.): *see* Flambard, Ranulf.
—, **RANULF** (bp.) **9**-351a.
Flamberg (weapon) fig. 2 **21**-693.
Flambeau, Wis. [**24**-132 B4].
—, riv., Wis. [**24**-132 C4].
Flamboin, Fr. [**24**-25 J3].
Flamborough (lighthouse, Yorks.) fig. 11 **14**-92.
— **HEAD,** cape, Yorks., Eng. [**24**-13 D3; **24**-177 F3]; **9**-351b.
"Flamboyant" (horse) **11**-767a.
FLAMBOYANT STYLE (arch.) **9**-351c; cath., Rouen, Fr. Pl. V. **10**-GOTHIC ARCHITECTURE; Hotel de Cluny fig. F **10**-545; Gothic arch. **10**-544c; tracery **22**-339d.
FLAME (combustion) **9**-351c; propagation **6**-99c; conductivity **8**-197c; effect on ions **8**-245c.
— arc lamp **14**-84a.
— -Bearer (nick.): *see* Theodoric (of Bernicia).
— -cell (biol.) fig. 2 **18**-66.
— coloration tests (chem.) **5**-400d.
— composition (fireworks) **9**-282c.
FLAMEN (priest) **9**-354a.
Flame Nasturtium (plant) **16**-127b.
Flamenca (Provençal poem) **18**-640b.
Flamen dialis (Rom. priest) **14**-487a.
Flamengos, val., Az., Fayal isl. **9**-125d.
Flamen pomonalis (priest) **18**-198b.
— portunalis (priest) **18**-297a.
Flamens, College of the, Rome **3**-67c.
Flame safety lamp **19**-811b.
— spectra (phys.) **21**-182b.
FLAMETHROWER **9**-354b.
Flamierge, Belg. [**24**-29 D4].
Flaming, Minn. [**24**-134 B4].
Fläming, mts., Ger. [**24**-39 H1].
FLAMINGO (bird) **9**-354c; **21**-114d; egg **8**-26b; nest **16**-243b; Pl. I. fig. 7 **16**-NEST.
— (horse) **11**-766a.
Flaming poppy (bot.) **18**-229b.
Flaming Terrapin, The (poem, Campbell) **4**-678b.
Flaminia, anc. dist., It. **17**-910b.
—, **VIA** (It.) **9**-354d; **19**-485a.
— et Picenum Annonarium, anc. dist., It. **17**-910b.

Flaminica Diālis (Rom. rel.) 9-354b.
Flaminius, C. 9-909b; 22-435b.
—, Gaius (consul) 9-355c.
—, GAIUS (states.) 9-355b.
FLAMININUS, TITUS Q. 9-355a.
FLAMMARION, N. CAMILLE 9-355d; 2-1010b.
Flammé (porcelain mfr.) 18-356c.
FLAMSTEED, JOHN 9-356a; 1-42b.
Flamsteed's projection (cartography) 14-843b; *see also* Sanson's projection.
Flamsteedius, Johannes: *see* Flamsteed, John.
Flanagan (Ir. poet) 12-642a.
—, J. J. 11-133c; 23-486c.
Flanders, Charles, count of: *see* Charles, St.
—, Ferdinand, count of 17-718a.
—, Louis II., count of: *see* Louis II.
—, Robert the Frisian, count of: *see* Frisian.
—, William Clito, count of 19-850a.
—, Conn. [24-101 B1].
—, N.J. [24-105 B2].
FLANDERS, dist., Eur. 9-356c; 9-616c; 11-662c; 16-248c; French conquest 9-630d; Hundred Years' War 9-617b; laces 13-567b; mediaeval mercenaries 2-400d; tapestry 21-799d.
—, Crown (Fr. fiefs) terr., Eur. 9-356d.
—, East, prov., Belg. [24-29 B3]; 9-356c; 3-352a.
—, West, prov., Belg. 3-352a; 9-356c.
—, Imperial, dist., Eur. 9-356d.
—, three members of 2-455d.
— clay (geol.) 8-633c.
— poppies (badge) 4-202d.
Flandreau, S.Dak. [24-137 H2].
Flandrin, Auguste 9-358b.
—, JEAN H. 9-358a.
—, Jean P. 9-358a.
Flanell (fabric): *see* Flannel.
Flanelle (fabric): *see* Flannel.
Flange (art) 4-248d.
— coupling 6-599d.
Flanged axe-head (instru.) 2-248d.
— warper's bobbin 6-576a.
Flanges 20-535d.
Flank (geol.) 9-443a.
— (mil.) 5-67c.
— -cut (fencing) 9-158b.
— guard (mil.) 1-194b.
Flanker (sports) 20-568a.
Flanking (plastering): *see* Filling in.
— (mech.) 3-792a.
FLANNAN, isls., Scot. [24-18 A3; 24-177 C1]; 9-358b.
FLANNEL (fabric) 9-358b.
FLANNELETTE 9-358c.
Flannel moths (entom.) 13-949d.
Flanigan, Nev. [24-153 A2].
Flann MacLonáin 12-642a.
— Mainstrech 12-642b fol.
Flaochat 15-127b.
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Fog-horn **19**-633d; **9**-436c.
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Foglietto **15**-139d.
Fogo, Nfd. [24-93 C2].
—, cape, Nfd. [24-93 D2].
—, isl., Cape Verde Isls. **4**-792c.
—, isl., Nfd. [24-93 C2].
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—, rocks, Nfd. [24-93 C2].
Fog of War **9**-681d.
FOG-SIGNALS **9**-438c; **14**-100b; **9**-436c; **11**-445c; law **19**-633d; U.S. **14**-104b.
FOHN **9**-438d; **21**-676c.
FOHR, isl., Ger. [24-36 D1]; **9**-438d.
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Foin, L'anse au, inlet, Can. [24-89 C1].
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FOIX, COUNTS OF **9**-440c.
—, Gaston de **21**-745a; **18**-999d.
—, Gaston P., count **9**-863a.
—, Louis de **1**-179a.
—, Odet de, vicomte de Lautrec: *see* Lautrec.
—, **PAUL DE** **9**-441b.
—, prov., Fr. [24-26 E4].
FOIX, Fr. [24-26 E5]; **9**-441b.
Fojnica, Yugos. [24-52 C3].
Foki, cape, For.: *see* Fuki-Kaku.
Fokia, Asia M. **17**-764d.
Fo-kien, str., China: *see* Formosa.
Fokine, M. **2**-998c.
—ballet **2**-998c.
FOKKER, A. H. G. **9**-441c.
—aeroplane **1**-257a; **1**-441b.
Fŏkon ŏlona **14**-604a.
Fol. (abbrev.) **1**-24b.
Fola, rapids, Af. **16**-452c.
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FOLARD, J. C., chevalier de **9**-441c; **21**-745d.
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Folcland: *see* Folkland.
Folco I. **8**-731d.
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FOLENGO, T. **9**-443c; **14**-545a.
FOLEY, J. H. **9**-443d.
—, **SIR THOMAS** **9**-444a.
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—, Minn. [24-135 E6].
—, Mo. [24-141 G2].
—, S.Dak. [24-137 G2].
Foleysprings, Oreg. [24-151 C3].
"Foley *v.* Hill" **3**-38a.
Folgefond, glacier, Nor. [24-44 B2].
Folger, H. C. **3**-862d fol.
—, P. **9**-690b.
FOLGORE DA SAN GEMINIano **9**-444a; **12**-739b; **12**-748d.
Folhas soltas (Deus) **7**-280a.
Foliar gap **18**-9b fol.
Foliate papillae **22**-281a.
Folie circulaire **18**-667b.
Folie Tristan, La (poem) **22**-486a.
FOLIGNO, It. [24-34 D3]; **9**-444b; **22**-679a.
Folinsei, J. F. **17**-64 Ca.
FOLIO **9**-444c; book **3**-539d.
Foliot, G.: *see* Gilbert Foliot.
FOLIUM: *see* Curves, Special.
—(anat.) fig. 5 **4**-11.
—double: *see* Double folium.
—of Descartes **6**-888c.
—simple: *see* Simple folium.
Foljambe, A. W. de B. S., 2nd earl of Liverpool: *see* Liverpool.
—, C. G. S., 1st earl of Liverpool: *see* Liverpool.
Folk, Mo. [24-141 E3].
Folk-ballad: *see* Ballad.
FOLK-DANCING **9**-444c; India **7**-22a.
—drama **5**-479d.
FOLKESTONE, Kent, Eng. [24-15 E4]; **9**-445b; **1**-460d; **11**-176a.
—, harbour, Eng. **5**-924d.
—sands **6**-672.
—to Boulogne (s.s. route) [24-22 D1].
Folketing **7**-204d; **7**-214b.
Folk-etymology **17**-988a.
Folkfrisinnade **21**-652d.
Folk high schools **1**-366c.
Folkingham, Lincs., Eng. [24-14 C3].
FOLKLAND **9**-445d.
Folk Lore (museum) **15**-1002b.
FOLKLORE **9**-446a; Am. Ind. **1**-805c; Am. negro **16**-200b; ballad **2**-994b fol.; Berbers **1**-305c; Chin. **4**-248d; Malay **14**-712d; Rum. **19**-657a.
Folklore in the Old Testament (Frazer) **7**-175d.
Folk-moot: *see* Shire-moot.
—-music **16**-4a; **20**-89d.
Folk-psychology: *see* Ethnopsychology.
—-right **1**-948c.
—-**SONG** **9**-447d; age **9**-448b; Am. **2**-995d; hist. **20**-986a; Indian **7**-19c; *see also* Ballad.
Folk Songs of French Canada (Barbeau) **4**-716b.
Folkston, Ga. [24-114 D6].
Folkstone, N.C. [24-112 H3].
Folkuisa **21**-655b.
FOLLEN, AUGUST (Adolf) L. **9**-449b.
—, C. **11**-22a.
—, **KARL** **9**-449b.
Follensby, pond., N.Y. [24-103 F1].
Follett, co., Vict., Austr. [24-170 E6].
Follett, Tex. [24-122 D1].
Folli, F. **3**-747b.
Follicle (anat.) **4**-17b; **20**-752b; **11**-35c.
—bot. **9**-878c; fig. 29 **9**-877.
—-mite **15**-618a; **17**-272d.
Follicular mange: *see* Demodecic mange.
Follie, Tex. [24-122 D2].
Follis **2**-993b; **10**-10d.
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Follow shot **6**-752b.
—through **10**-503d; Pl. O fig. 6 **10**-GOLF.
—-up system **1**-197a.
Follyfarm, Oreg. [24-151 G5].
"Folly" (Ford) **9**-490c.
Folquet (of Marseilles) **18**-639a; **22**-499d.
Folsom, La. [24-121 D3].
—, N.J. [24-105 B3].
—, N.Mex. [24-148 F2]; **16**-508a.
—, O. [24-125 B4].
—, S.Dak. [24-137 B3].
—, W.Va. [24-111 C2].
—City, Calif. [24-154 C3].
Folsomville, Ind. [24-127 A4].
Foltesti, Rum. [24-53 D3].
Folts, Pa. [24-106 D4].
Foltz, Ind. [24-127 C4].
Fo-lu, Fr.I.C. [24-71 B1].
Folz, H. **10**-221d.
Fomalhaut **17**-959a; **21**-323d; Pl. II. **21**-STAR.
Fomboni, Ind. O. **6**-140c.
Fomes **9**-923d.
Fomorians **12**-641a.
Fon **6**-977b.
FONBLANQUE, A. W. (Eng. journ.) **9**-449c.
Fonda, Ia. [24-138 C2].
—, N.Dak. [24-136 D1].
—, N.Y. [24-103 F3].
—Junction, Vt. [24-97 A2].
Fondale, La. [24-121 B1].
Fondant **6**-226d.
Fondation de la couronne **6**-245c.
Fonday, Fr. [24-25 N3].
Fond du Lac, co., Wis. [24-133 E6].
—, Minn. [24-134 F5].
—, Sask., Can. [24-91 E1].
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Fonden, Wales [24-16 C2].
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—, Lago di **9**-450a.
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Fondo pel Culto **12**-767b.
Fondulo, G. **12**-795c.
FONSAGRADA, Sp. [24-32 C1]; **9**-450a.
Fons Bleaudi, Fr.: *see* Fontainebleau.
FONS CASTALIUS: *see* Castalia.
Fons Ebraldi, Fr.: *see* Fontevrault.
Fonseca, Hermes da **4**-59c.
—, Juan **9**-450c; **14**-623d.
—, **M. DEODORO DA** **9**-450a; **4**-59a; **19**-316d.
FONSECA, gulf, C. Am. [24-159 G5]; **9**-450c.
Fons Vitae (Gubirot) **13**-39c; **17**-749c.
FONT **9**-450d.
Fontabelle, Barbados **3**-95b.
Fontaine, Chas. **9**-784a.
—, Jean de la **9**-787b.
—, **PIERRE F. L.** **9**-451b; **15**-632c.
—, Fr. [24-25 N4].
FONTAINEBLEAU, Fr. [24-25 H3]; **9**-451c; **13**-662b; forest **9**-451c; palace **9**-451c; **7**-172c; Pl. I. fig. 1 **19**-RENAISSANCE ART; Pl. II. fig. 7 **21**-STAIR-STAIRCASE; potteries **20**-284b; tapestry **21**-801a; treaties **18**-280d; **3**-358d; **21**-135a; **18**-281a; **14**-886a.
—sand **16**-772a.
Fontaine-Francaise, Fr. [24-25 L4]; (battle, 1595) **11**-441d.
—-le-Dun, Fr. [24-24 F2].
—-l' Evêque, Belg. [24-29 C4].
—-Notre-Dame, Fr. **4**-644d.
Fontaines, Jules (pseud.): *see* Crémazie, Octave.
FONTAN, L. M. **9**-451d.
FONTANA, D. **9**-451d; **18**-199c; **23**-3d.
—, G. **6**-391a.
—, **LAVINIA** **9**-452a.
—, Nicola Pellipario **18**-347b.
—, Orazio **18**-347b.
—, Oskar M. **2**-776c.
—, **PROSPERO** **9**-452a.
—, Kan. [24-142 H3].
—, N.C. [24-112 B2].
—, lake, Arg. [24-165 B5].
—, riv., S. Am. **18**-43b.
FONTANE, T. **9**-452a; **10**-228d.
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—, Normandy (abbey) **14**-3b.
—(anat.) **20**-758b fol.
FONTANES, L., marquis de **9**-452b.
Fontanet, Ind. [24-127 A3].
Fontaniers cat **13**-942a.
Fontarabia, Sp.: *see* Fuenterrabia.
Fontas, riv., B.C. Can. [24-92 E2].
Fonteboa, Braz. [24-162 D4].
Fonte Gaia **7**-170a.
Fontenay (Chaulieu) **5**-330b.
Fontenay, marquis de **12**-876d.
FONTENAY-LE-COMTE, Fr. [24-26 C1]; **9**-452c.
FONTENELLE, B. LE BOvier de **9**-452c; **13**-559d; **21**-488c.
—, Wyo. [24-146 B3].
—Forest Reserve **16**-784c.
FONTENOY, Belg. [24-29 B4]; **9**-453a; **2**-779b; **8**-526b; **9**-685b.
—, Meurthe et Moselle, Fr. [24-25 L3].
—, Yonne, Fr. [24-25 J4].
Fontenoy-en-Puisaye **5**-259b.
Fontenoy-le-Château, Fr. [24-25 M4].
Fontensi, Antonio **17**-57b.
Fontes Herculis: *see* Hercules Baths.
FONTEVRAULT (FONTEVraud) Fr. **9**-454b.
—, Order of **9**-454b; **15**-688b.
Fonthill, Tas. [24-171 H8].
Fonticuli, Eng.: *see* Wells.
Fontinalis **1**-938b.
Fontinettes, Fr. **4**-722c.
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Fontoy, Fr. [24-25 L2].
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Fonvizin, D. **19**-752d.
FOOCHOW, China [24-70 C4; 24-57 K6]; **9**-454c; **5**-512d; **9**-907d.
FOOD **9**-454d; **1**-967d; **9**-461b; **17**-884a; **19**-55b; **8**-917d; **9**-264a; absorption **16**-650d; adulteration **1**-187b; **1**-190d; Pl. II. figs. 1-4 **4**-BREAD MANUFACTURE; dietetics **7**-355a; digestion **7**-374d; **16**-648b; gelatin **10**-90a; infants **12**-319c; inspection **18**-740a; meat carving Pl. I. figs. 1-4 **4**-CARVING; medical legislation **15**-181c; prices **1**-381a; fig. 23 **1**-419; **6**-501a fol.; **1**-380a; **1**-397d; **9**-456a; fig. 16 **1**-416; **18**-477b; veterinary **23**-114d; vitamins **23**-221d; War control **1**-653b; **18**-994a; *see also* Cookery.
Food, Canned **1**-190c.
—, Drug, and Insecticide Investigation, Bureau of (U.S.) **1**-867d.
—, **MINISTRY OF**: *see* War Control of Food.
—, **PURE** **9**-455b; **4**-837a; **9**-455d.
—, War Control: *see* War Control of Food.
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—-chain (biol.) **7**-920b; **23**-985b.
—Commissar (offi.) **19**-707a.
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—Council (Allied).
—**COUNCIL** (Brit.) **9**-455d.
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—dyes **7**-806a.
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—**POISONING** **9**-456b; **18**-122b.
—preparation (indus.) **10**-724a fol.
—**PRESERVATION** **9**-457d; **9**-560a; **18**-451b; **19**-881a; **9**-926b; U.S. **19**-55c.
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—**SERVICE** **9**-460c.
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—-territory (birds) **6**-610c.
—**VALUES**: *see* Diet and Dietetics; Nutrition.
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— resin: *see* Copalite.
Fossilville, Pa. [**24**-106 C4].
Fossinae (zool.) **4**-898c.
Fosso Bettina, riv., It. **1**-651d.
Fosso della Valchetta, stream, It.: *see* Cremera.
FOSSOMBRONE, It. **9**-549d.
Fossombroni, Count (It., engin.) **5**-446a.
—, **VITTORIO**, count **9**-550a.
Fossombronia (bot.) **4**-304d.
Fossorial mammals **14**-751b.
Fossorial wasp: *see* Digging wasp.
Fosston, Colo. [**24**-147 F1].
—, Minn. [**24**-134 C4].
Fossum, Minn. [**24**-134 B4].
Foss Way (Rom. rd., Brit.): *see* Fosse Way.
FOSTAT, Egy. **9**-550a; capture (969 A.D.) **8**-81b; Omayyad capital **4**-537c; pottery **8**-53b; **18**-371b; *see also* Old Cairo.
Fóstbraedrasaga (Ice. lit.) **19**-813b.
Foster, B. S. **18**-873b fol.
—, Charles **9**-551a.
—, Elizabeth, duchess of Devonshire: *see* Devonshire.
—, **SIR GEORGE E. 9**-550b.
—, G. N. **18**-873b.
—, H. (sci.) **2**-940a.
—, Hannah Webster **1**-787d; **16**-575b.
—, H. K. **18**-873b fol.
—, **JOHN**: *see* Oriel, John Foster, baron.
—, **SIR MICHAEL 9**-550b.
—, **MYLES BIRKET 9**-550c.
Foster, P. (cler.) **22**-861c.
—, R. E. (cricketer) **6**-695b.
Foster, R. F. **23**-572c.
—, **STEPHEN COLLINS 9**-550c; **16**-18c; **20**-995a.
— Vere (calligrapher) **4**-617a.
—, W. L. **18**-871d fol.
—, co., N.Dak. [**24**-136 F2].
—, Que., Can. [**24**-89 B3].
—, Ia. [**24**-138 E4].
—, Ill. [**24**-128 B2].
—, Ind. [**24**-126 A2].
—, Ky. [**24**-116 F2].
—, La. [**24**-121 C4].
—, Mo. [**24**-140 C3].
—, Neb. [**24**-139 G2].
—, O. [**24**-124 B2].
—, Oreg. [**24**-151 C3].
—, R.I. [**24**-100 A2].
—, Vict., Austr. [**24**-171 H7].
—, bay, Green. map **2**-295 (I3).
—, lakes, Can. [**24**-91 E2].
Foster-brother **4**-259c.
Fosterburg, Ill. [**24**-129 B5].
Foster Center, R.I. [**24**-100 B2].
Fosters, Ala. [**24**-118 B2].
Fosterville, Tenn. [**24**-117 E2].
Fostlus, Sextus Pompeius **16**-622b.
Foston, Eng. [**24**-14 C3].
Fostor (payment): *see* Feorm.
Fostoria, Ala. [**24**-118 C3].
—, Ia. [**24**-138 B1].
—, Mich. [**24**-131 H6].
FOSTORIA, O. **9**-551a.
—, Va. [**24**-108].
Fostri, Einar **12**-50a.
Fot (measure) **15**-139d.
Fotherby, Eng. [**24**-14 C2].
FOTHERGILL, JOHN 9-551a; **18**-208d; **18**-463b.
FOTHERINGHAY, Northants., Eng. **9**-551a; **16**-519a.
Fotheringhay arms fig. 5 **11**-465.
Föttinger hydraulic transmitter (mech.) **11**-963b.
Fotuna, isl., New Hebrides [**24**-176 B1].
Foucauld, Charles de **2**-639b; Af. expl. **1**-322d.
FOUCAULT, JEAN B. L. 9-551b; gyroscope **11**-46b; mirror tests **15**-591d; solar spectroscopy **2**-589a; velocity of light **23**-35b.
—, Pierre **22**-645a.
— currents (phys.) **9**-551b.
FOUCHE, JOSEPH, duke of Otranto (Fr. states.) **9**-551b; pol. espionage **8**-713a.
Foucher, Adèle **11**-869d.
— of Mongervillier **9**-908b.
Foucon de Candie (poem, Herbert) **10**-970b.
Foucquet, Jean (of Tours) **14**-11c.
—, Nicolas: *see* Fouquet, Nicolas.
Fouesnant, Fr. [**24**-25 A4].
Fougeray, Fr. [**24**-24 D4].
Fougère (mil.): *see* Citation cord.
FOUGERES, Fr. [**24**-24 D3]; **9**-552c; **16**-494d.
Fougerolles, Fr. [**24**-25 M4].
FOUILLEE, ALFRED J. E. 9-552d.
Fouilloux, Jacques **9**-786d.
Fouke, Ark. [**24**-120 B4].
Foul, isl., India [**24**-66 C3].
—, bay, W.Aus., Austr. [**24**-168 B6].
— (basketball) **3**-182a.
Foula, isl., Scot. **20**-501a.
Foulain, Fr. [**24**-25 L3].
Foul air (chem.) **5**-357d; *see also* Nitrogen.
FOULARD (fabric) **9**-552d.
Foulas, La. [**24**-121 C2].
Foul ball (baseball) **3**-164b; **3**-166b.
Foul-biting (etching) **8**-749b.
Foul brood **3**-311b fol.
FOULD ACHILLE 9-553a.
Foulds, John H. **18**-830c; notation **16**-23b.
Foul fly (baseball) **3**-166b.
FOULGNES DE NEUILLY (crusade preacher) **9**-553a.
Foul hawse (naut.) **4**-505c.
FOULIS, ANDREW 9-553a; **10**-396d.
FOULIS, ROBERT 9-553a.
Foulises (Scot. fam.) **3**-76c.
FOULLON, JOSEPH F. 9-553b.
Foulness, Eng. [**24**-177 G4].
—, isl., Eng. **8**-723d.
—, pt., Eng. [**24**-15 D4].
Foulney, Lancs., Eng. [**24**-13 A3].
Foul Play (Reade) **19**-4a.
Foulques, Gui: *see* Clement IV. (pope).
Foul strike (baseball) **3**-166b.
— strike (croquet) **6**-752b.
Foulweather, cape, Oreg. [**24**-C4].
Foulwind, cape, N.Z. [**24**-173 151 A3].
FOUNDATION 9-553c.
— deposits (archae.) **2**-847a.
— female (agri.) **1**-964a.
Foundation of Algebra (De Morgan) **7**-191a.
"Foundation of S. Maria Maggiore" (Grünewald) **10**-925b.
— soils fig. 1 **9**-554.
FOUNDATIONS (building) **9**-553c; concrete **6**-210d; construction **9**-29b; **17**-915c.
Foundations of instrumentation, The (Rimsky-Korsakov) **19**-311b.
Foundations of the 19th Century (Chamberlain) **5**-202c.
Foundation work (organ) **16**-893d.
FOUNDERS' SHARES (fin.) **9**-556b; **6**-143c.
FOUNDING (metal casting) **9**-556c; aluminium alloys **1**-717b; *see also* Casting.
FOUNDLING HOSPITALS 9-559b; Eng. **5**-251c.
Foundlings **2**-864a; **18**-598d.
Foundries (indus.) **15**-896c.
Foundry (met.): *see* Founding.
— products (indus.) **5**-452b.
— Trades, Federation of (Gt. Brit.) **22**-380d.
Fountain, Paul **9**-703a.
—, co., Ind. [**24**-126 A2].
—, Colo. [**24**-147 F3].
—, Ill. [**24**-129 B5].
—, Ind. [**24**-126 A2].
—, Mich. [**24**-131 E5].
—, Minn. [**24**-135 F8].
—, N.C. [**24**-112 H2].
FOUNTAIN 9-560b.
— (heraldry) **11**-466d.
—, The (Eng. club): *see* Mourning Bush, The.
— Abbey (Yorks., Eng.) **23**-900b; **1**-18b fol.; day room Pl. II. fig. 2 **1**-ABBEY.
— Bluff, Ill. [**24**-129 C6].
Fountain City, Colo. **18**-754d.
— City, Ind. [**24**-126 D3].
— City, Tenn. [**24**-117 H1].
— City, Wis. [**24**-133 B5].
— Creek, Ill. [**24**-128 E3].
— Creek, Tenn. [**24**-117 E2].
— Creek, riv., Colo. **18**-754d.
Fountaindale, Ill. [**24**-128 C1].
Fountain decussation of Meynert (anat.) **4**-12d.
Fountain Green, Utah [**24**-152 C3].
— Head, Tenn. [**24**-117 E1].
— Hill, Ark. [**24**-120 D4].
— Inn, S.C. [**24**-113 B2].
Fountain of Gardens, A (J. Leade) **17**-709b.
Fountain of Knowledge, The (John of Damascus) **13**-103a.
Fountain of Self-Love, The (Jonson): see *Cynthia's Revels.*
Fountain of The Innocents (Paris) il. **9**-561b.
"Fountain of the Nymphs" (Goujon) **20**-211c.
FOUNTAIN PEN 9-561d.
— pen recording fig. 5 **21**-882.
— Run, Ky. [**24**-116 E4].
Fountaintown, Ind. [**24**-127 C3].
Founte (weight) **15**-139d.
Fouqué (Fr. comm.) **20**-393b.
—, **FERDINAND A. 9**-562b.
—, **FRIEDRICH H. K. DE la M.**, baron **9**-562b; **10**-226a.
Fouquet, Charles L., duc de Belle-Isle: *see* Belle-Isle.
—, **JEAN 9**-562c; **18**-267c.
— **(FOUCQUET), NICOLAS 9**-562d; iron mask mystery **12**-682d; Gourville **10**-559b.
Fouquiericea splendens (shrub): *see* Ocotillo.
FOUQUIER-TINVILLE, ANtoine Q. 9-563a; **14**-884a.
Four, Council of (1919 peace conference) **21**-586d.
Four Ancient Books of Wales (Welsh lit.) **23**-504c.
Four Articles, Declaration of the (Fr.): *see* Declaration of the Four Articles.
Fouras, Fr. [**24**-26 B2].
— Ball back (bowling) **3**-978d.
Fourball match (in golf) **10**-504a.
Four-beat crawl (swimming) **21**-668a.
Fourberies de Scapin, les (Molière) **15**-671d.
Four Buttes, Mont. [**24**-144 F1].
Fourcade, H. G. **3**-587b.
Fourcade stereogoniometer: *see* Stereogoniometer, Fourcade.
Four Cantons, lake, Switz. [**24**-31 E3].
Fourcault process **10**-417b.
FOUR-CENTRED ARCH (arch.) **9**-563b; il. **2**-232a.
FOURCHAMBAULT, Fr. **9**-563b; iron-works **16**-435c.
Fourche, parish, La. [**24**-121 D4].
Fourche, harb., Nfd. [**24**-93 B1]
— (jewellery) **13**-34d.
— La Fave, riv., Ark. [**24**-120 B3].
Fourchette **10**-439d.
Fourchu, bay, Cape Breton I., N.S., Can. [**24**-88 J3].
Four-coil galvanometer (instru.) **12**-435b.
— colour process Pl. II. **17**-PHOTO ENGRAVING.
— Corners, Wyo. [**24**-146 H1].
— course system (agri.) **6**-855c.
— Courts (Dublin) Pl. III. fig. 1 **15**-MODERN ARCHITECTURE.
— Crosses, Carnarvon, Wales [**24**-16 B2]
— Crosses, Montgomery, Wales [**24**-16 C2].
FOURCROY, ANTOINE François, comte de **9**-563b; **5**-385a; urea **22**-895b.
Four-cycle engine fig. 2 **15**-882; *see also* Four-stroke cycle.
— Days' Battle (1666) **2**-824a.
Four-dimensional continuum: *see* Continuum, four-dimensional.
Four-dimensional geometry **21**-107b; relativity **10**-176b.
Four Dissertations (Hume) **11**-880a.
— Doctors (univ., Bologna) **4**-369d.
Fourdrinier, Henry **18**-501a.
Foureau, Fernand **20**-326d; expl. in Sah. **19**-817c fol.
Four-electrode valve **22**-82a.
— element theory (chem.) **5**-355d.
Foure Letters Confuted (T. Nashe) **16**-123b.
Four Ends (speech) **9**-566c.
Four-eyed fish **9**-318b; Pl. I fig. 3 **7**-DISTRIBUTION OF ANIMALS.
Four-faced cube (crystall.): *see* Tetrakis-hexahedron.
Four-field system (agri.): *see* Four-course system.
Four-Gatepagoda (Chin.) **5**-560c.
Four Gospels, The (Streeter) **3**-520a.
Four-handed euchre **8**-801a.
Four-horned antelope **2**-23b.
— Horse, Wyo. [**24**-146 H1].
Four-Horse Club (Eng.) **5**-867b, 868a.
Four Horsemen of the Apocalypse, The (Ibáñez) **12**-30a.
— hour varnishes **12**-496a.
— Hundred (conspiracy, Athens) **6**-322c fol.
— **HUNDRED** (society, U.S.) **9**-563c.
Four-hundred-day clock Pl. I. fig. 12 **5**-CLOCKS.
Four-hydroxypyroline **5**-388c.
FOURIER, FRANCOIS C. M. 9-563c; H. Greeley **10**-850d.
—, **JEAN B. J. 9**-564c; theory of functions **9**-916b; thermal conductivity **11**-328a; sound vibrations **21**-7a.
Fourierism **9**-563d.
FOURIER SERIES (math.) **9**-564d; example **22**-473c; harmonic analysis **11**-199c.
Fourier's theorem **11**-298b.
Fourilles, Jean J. de **14**-989d.
Four-in-hand (driving) **7**-666a.
Four-in-Hand Club (Eng.) **7**-665c; **5**-867b fol.
— jacks (game) **11**-313a.
— Lakes, Wis. **23**-678a.
Four Letters and Certain Sonnets (Harvey) **10**-855c.
— Ling (convents, Tibet) **13**-990d.
— Maries (Mary Q. of Scots) **20**-379b.
— Masters (Gaelic poets) **12**-608a.
Four Masters, Annals of the **12**-642d; **2**-782c; **7**-527c.
Four Melodies (Sgambatti) **20**-992c.
Four Men, The (Belloc) **8**-599d.
Fourment, Helena **19**-613b.
FOURMIES, Fr. [**24**-25 K1]; **9**-565c.
Fourmiguières, Fr. [**24**-26 F5].
Fourmile, riv., Conn. [**24**-101 D2].
— Run, riv., Va. [**24**-108].
Four Million, The (O. Henry) **1**-793c.
Four-Minute Men **13**-1006a.
Fournaise, crater, Réunion Is. **19**-234d fol.
Fourneyron, Benoît **18**-386a.
— turbine (engin.) **22**-580d.
Fournez (Fr. arch.) **15**-845d.
Fournier (consul) **22**-280c.
—, Alain **9**-800d.
—, Jacques: *see* Benedict XII.
—, **PIERRE S. 9**-565c.
— (monotype) **18**-511d.
Four o'Clock (bird): *see* Pimlico.
Four-of-a-kind (poker) **18**-127a.
— Old Cat (game) **3**-160b.
Four Old Irish Songs of Summer and Winter **12**-642a.
Four-pole motor fig. 1 **8**-176.
— -poster bed **3**-294b.
Four-Power Pacific Treaty (1923) **1**-944b.
— Principles (speech) **9**-566b.
Fourquet, Jeanne: *see* Hachette, Jeanne.
Four-ray sponge **21**-255c fol.
Four-rowed barley: *see* Bere.
Fours, Fr. [**24**-25 J5].
Four Sages (art) **2**-445d.
Four Seasons, The (Donalitius) **14**-217a.
Foursome (in golf) **10**-504a.
Four Sons of Aymon, The (chanson de geste) **5**-234d.
Fourstones, Northumb., Eng. [**24**-13 B2].
Four-stroke cycle (mech.) **12**-497c. fol.; automobile **15**-881d.
Four-tailed bandage **3**-22b.
Fourteen-Foot Bank, Del. **14**-89c.
— Mile, pt., Mich. [**24**-130 B3].
— **POINTS, THE** (W. Wilson) **9**-565d; Allies **23**-93a.
— Streams, Brit. Bech. [**24**-81 C3].
Fourteenth Amendment (U. S.) **22**-812d.
Fourth (mus.) **16**-4b fol.
Fourth Clock (St. Mary's Falls, N. Am.) **10**-731a.
— dimension (math.) **1**-871b.
— Folio (Shakespeare's plays) **20**-438d.
Fourth Gospel, The Authorship of the (Abbot) **1**-20c.
Fourth Intercolonial War (1754-63) **22**-779c.
— Party (Brit. pol.) **2**-972d; Churchill **5**-685b.
Fourth Party (Gorst) **10**-534b.
Four-thread twill (fabric) figs. 3-4 **23**-456.
Fourths (taxation) **19**-715b.
"Four Times of the Day" (Hogarth) **11**-625b.
Four-toed jumping shrews **12**-402a.
FOURTOU, MARIE F. O. B. de 9-567a.
Four Town, Minn. [**24**-134 C3].
— track tunnel fig. 8 **22**-567.
Four Tutors (Tait) **21**-758a.
Fourvière, Lyons **14**-529d.
Four wheel drive tractor: *see* F. W. D.
Four-wheeler (cab) **4**-494d.
Four Years, The (Binyon) **8**-600b.
Four Years of Fascism (Ferrero) **9**-183c.
Four-years-term law (Am.) **6**-649d.
FOUSSA (animal): *see* Fossa.
Fousseret, Fr. [**24**-26 E4].
Foussier, Ed. (au.) **2**-678a.
Fouta Jalon, dist., Fr. Guin.: *see* Futa Jalom.
Foute (measure) **15**-139d.
Fouzon, riv., Fr. [**24**-24 G4].
Fovant, Eng. [**24**-17 D3].
Fovea (anat.) **3**-584d.
— centralis **9**-5d; **23**-205c.
— inferior **4**-15c.
— superior **4**-15c; fig. 2 **4**-9.
Foveaux, str., N.Z. [**24**-173 A7; **24**-192 F4].
Fow, China [**24**-70 A4].
Fowblesburg, Md. [**24**-109 C1].
Fowerita, Ugan. [**24**-83 F2].
FOWEY, Corn., Eng. [**24**-17 B4]; **9**-567a.

Fowey, riv., Corn., Eng. [24-17 B4]; 6-452d.
FOWL (bird) 9-567b; cookery 6-368d; 6-369b; heredity 6-946b; 11-486b; sex-ratio 20-415d fol.
— cholera 23-116a.
Fowle, F. E. 1-20c; 20-764a.
—, J. W. 18-96d.
—, Zechariah 22-145d.
FOWLER, CHARLES 9-567b.
—, Edward 4-391d.
—, **SIR JOHN** 9-567c.
—, **JOHN** 9-567d.
—, R.C. Pl. I. fig. 7 **22**-TRANS-O. AND TRANS-CONT. FLIGHTS.
—, Ralph H. 21-564a.
—, **THOMAS** 9-567d.
—, **WILLIAM** 9-567d.
—, W. Warde 13-754a.
—, Ala. [24-118 B4].
—, Colo. [24-147 G3].
—, Ill. [24-128 A3].
—, Ind. [24-126 A2].
—, Kan. [24-142 B4].
—, Mich. [24-131 G7].
—, Mont. [24-144 C1].
—, pt., S.Austr. [24-170 A4].
Fowlers, bay, S.Austr. [24-170 A4].
— solution 2-62d.
Fowlerton, Ind. [24-126 C2].
—, Tex. [24-123 E5].
Fowlerville, N.Y. [24-102 C3].
Fowling, Neb. [24-139 A2].
— Creek, Md. [24-109 D2].
Fowlkes, Tenn. [24-117 B2].
Fowl plague 23-116a.
— pox 23-115d.
— typhoid 23-116a.
Fowyk, Eng.: *see* Fowey.
Fox, Caroline 9-572a.
—, **CHARLES JAMES** 9-568a; anti-slavery efforts 20-780d; reform 19-47a; portrait Pl. I. fig. 5 8-ENGLISH HISTORY; Burke 4-419d fol.; 3-416b; Pitt 17-973c; Macaroni club 7-25b.
—, C. S. 3-229b fol.
—, **EDWARD** 9-570c.
—, E. L. 6-687a.
—, Fontaine 6-105b.
—, Fowler and Co. 3-76b.
—, George (the elder) 7-323c.
—, **GEORGE** 9-570d.
—, Henry Edward 11-644d.
—, Henry, 1st Lord Holland: *see* Holland.
—, **HENRY R. V.**, 3rd baron of Holland: *see* Holland.
—, Louis 3-569d.
—, Luke 2-292d.
—, Margaret and Katharine 19-364b.
—, **RICHARD** 9-571b.
—, **ROBERT W.** 9-572a.
—, St. G. L. 8-285c.
—, **SIR STEPHEN** 9-572a.
—, **SIR WILLIAM** 9-572b.
—, Wilson 11-996d.
—, W. J. 4-276b.
—, Alsk. [24-156 L4].
—, Ark. [24-120 C2].
—, Ill. (Kendall co.) [24-128 D2].
—, Ill. (McHenry co.) [24-128 D1].
—, Ind. [24-126 C2].
—, Mich. [24-130 D4].
—, Minn. [24-134 C3].
—, Oreg. [24-151 F3].
—, bay, Can. 2-62a.
—, cape, Nfd. [24-93 C1].
—, cove, Nfd. [24-93 C3].
—, isl., N.B., Can. [24-88 E1].
—, isls., Alsk. [24-156 F10].
—, lake, Can. [24-91 H2].
—, mt., Nev. [24-153 A1].
—, mts., S.Dak. [24-137 C2].
—, riv., Can. [24-91 H2].
—, riv., Ia. [24-138 E4].
—, riv., Ill. [24-128 D2].
—, riv., Mich. 15-424a.
—, riv., Wis. [24-133 D6]; 16-949c.
FOX (animal) 9-572c; fur statistics 9-939a; head fig. 9 7-438; intestinal tract fig. 5 1-631; production cycles 9-941c; value 9-941b.
"Fox" (ship) 23-780d.
—-**BAT**: *see* Flying-Fox.
Foxboro, Mass. [24-99 C1].
—, Wis. [24-132 A3].
Foxburg, Pa. [24-106 B2].
FOXE, JOHN 9-573b.
—, basin, Northwest Terr., Can. [24-87 O3; 24-4 B15].
—, chan., Northwest Terr., Can. [24-87 N3; 24-187 G2].
Foxford, Ire. [24-20 B3].
FOXGLOVE (bot.) 9-573d; *see also* Digitalis (pharm.).
— beard tongue 17-495a.
Fox grass (bot.) 21-173c.
— Hall, Suss., Eng. 8-635a
Foxholes, Yorks., Eng. [24-13 D3].
Foxholm, N.Dak. [24-136 C1].
Foxhound (dog) 7-497a.
—, Amer.: *see* American foxhound.
Fox House Inn, Derby., Eng. [24-14 B2].
FOX-HUNTING: *see* Hunting; *see also* 11-923d; 11-925d.
FOX INDIANS (N.Am. tribe) 9-574a; *see also* Sauk *and* Fox.
Foxlake, Wis. [24-133 E6].
Foxpark, Colo. [24-147 D1].
—, Wyo. [24-146 F4].
Fox Ridge, N.Y. [24-102 D2].
— Ridge, S.Dak. [24-137 B2].
— River, Wis. [24-133 E7].
Fox's Libel Act 10-676b.
Fox-sparrow (bird) 21-170b; 20-996c.
Fox-Strangways, Stephen, 1st earl of Ilchester: *see* Ilchester.
FOXTAIL GRASS (bot.) 9-574a; 10-653b fol.; *see also* Squirrel-tail grass.
— millet (bot.) 15-500c.
—, pine 17-938d.
— wedging 4-912d.
Fox-terrier (dog) 7-497a; smooth Pl. IV. fig. 1 7-DOG.
Foxton, N.Z. [24-172 E4].
Foxtown, Ky. [24-116 G3].
FOX-TROT (dance) 9-574b; modern 7-23a; square step in Pl. VII. fig. 1 7-DANCE.
Foxville, S.C. [24-113 D3].
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Freundlich (chem.) **6**-23c.
—, **EMMY** (Aus. pol.) **9**-837c.
Freundschaftliche Lieder (Pyra and Lange) **10**-224a.
Freund steel (met.) **14**-799b.
Frévent, Fr. [**24**-24 H1].
Freville, Sir Baldwin de (Eng. lord) **7**-808d.
Frew, Ky. [**24**-116 G3].
— (Manorrinna), riv., S.Aus., Austr. [**24**-170 C1].
FREWEN, ACCEPTED (Eng. archbp.) **9**-837c.
—, Ruby **4**-935b.
Frewsburg, N.Y. [**24**-102 A3].
FREY (myth.) **9**-837d; Svear **21**-641d.
—, **ADOLF** (poet) **9**-837d.
—, Albert **3**-570c.
—, La. [**24**-121 B3].
—, Okla. [**24**-143 G2].
Freyberg, Ger.: *see* Freiberg.
Freyburg (battle, 1762) **20**-422b.
FREYCINET, CHARLES Louis de Saulces de (Fr. states.) **9**-838a; Gambetta **9**-681c; Orleans campaign **16**-911b.
—, **LOUIS CLAUDE DE**saulses de (navig.) **9**-838b.
—, harb., W.Aus., Austr. [**24**-168 A4; **24**-192 A2].
—, penin., Tas. [**24**-171 J9].
Freydis (daughter of Red Eric) **22**-153c.
FREYIA (myth.) **9**-838c.
FREYLINGHAUSEN, JOhann Anastasius (theol.) **9**-838c.
Freyng, Peter: *see* Payne, Peter.
Freyre, P. (missionary) **22**-183c.
—, Ricardo Jaimes (Bol. poet) **21**-150b.
Freyssinet, E. (arch.) **23**-20a.
Freystadt, Ger. [**24**-39 G4].
FREYTAG, GEORG WILhelm (Ger. philol.) **9**-838c.
—, **GUSTAV** (Ger. nov.) **9**-838c; **10**-227b.
—, H. W. von (Hanoverian field-marshal) **9**-809a.
Freyung, Ger. [**24**-39 J5].
Frezzi, Federigo (It. bp.) **12**-741a.
F.R.G.S. (abbrev.) **1**-24c.
Fr.Hist.S. (abbrev.) **1**-24c.
F.R.H.S. (abbrev.) **1**-24c.
FRIAR (rel.) **9**-839a.
Friar Bacon and Friar Bungay (play, Greene) **8**-581b.
FRIAR-BIRD **9**-839a.
Friar Point, Miss. [**24**-119 B1].
Friars (monks) **2**-686b; *see also* Mendicant friars.
Friars, Gray (rel. order): *see* Franciscans.
FRIARS' BALSAM (med.) **9**-839a; **3**-423d.
— Minor: *see* Franciscans.
— Preachers **7**-519b.
— school (Wales) **3**-31c.
Friar Tuck (legend) **14**-681d.
Frías, Tomás (pres. of Bol.) **3**-819a.
—, Arg. [**24**-165 C2].
—, Sp. [**24**-32 E1].
F.R.I.B.A. (abbrev.) **1**-24c.
Fribley, Pa. [**24**-107 E2].
FRIBOURG, canton, Switz. [**24**-30 C3]; **9**-839b; **21**-678b.
FRIBOURG, Switz. [**24**-30 C3]; **9**-839c; Geneva's alliance **10**-113b; univ. **22**-872a.
—, Peace of (1516) **9**-620d.
—and Treyer (firm, Lond.) Pl. I. fig. 9 **20**-SHOP FRONT DESIGN.
Friburger, Michael **18**-500a.
Fricandeau (food) **6**-367b.
FRICK, HENRY CLAY (Am. mfr.) **9**-840a.
—, Switz. [**24**-30 E1].
— (woods, Pittsburgh) **17**-978c.
Fricker, Sarah **6**-9c.
Frickhofen, Ger. [**24**-38 D3].
Fricourt, Fr. **20**-975a fol.
FRICTION (phys.) **9**-840a; **15**-167d; bearings **3**-263d; coefficient fig. 2 **18**-388; **8**-237a; dynamics **7**-809c; fire generation **9**-263b; heat **8**-439a; **22**-112a; kinetic theory **13**-386c; tides **22**-199b.
Frictional machine (elec.) **8**-141b; **8**-183a.
Friction brake (mech.) **4**-22b.
— -breccias (petrol.) **4**-81b.
— clutch (mech.) **5**-863d.
— drive (motor car) **15**-892a.
— ignition flare il. **9**-359.
Frictioning (process) **19**-608d.
Friction pile (building) **9**-555a.
— -planes (geol.): *see* Slickensides.
— rub (med.) **17**-508d.
— sawing machine **20**-28b.
Frida, Emil (Czech. writ.): *see* Vrchlický, Jaroslav.
FRIDAY (day) **9**-840d, **4**-169d; Latin and Saxon names **4**-568d; superstition **21**-578b.
— (lit. character) **7**-139d.
— (mosques) **15**-652d.
— Harbor, Wash. [**24**-150 B2]; biol. station **14**-894b.
— Street (Eng. club) **5**-858c.
Fridaythorpe, Yorks., Eng. [**24**-13 D3].
Friderici I., Gesta (Godfrey) **10**-462a.
Fridericianus, Codex **9**-718a.
Friderico-Augustanus, Codex (bibl.): see *Sinaiticus Codex.*
Fridjónsson, Gudmundur (Ice. nov.) **12**-55c.
Fridland, Czech. [**24**-50 D1].
FRIDOLIN (FRIDOLD), Saint (Ir. missionary) **9**-840d; Glarus **10**-394a.
Frieberger, Kurt (Aus. dram.) **2**-776b.
Fried, N.Dak. [**24**-136 F2].
"Frieda" (Yacht) Pl. II. fig. 7 **23**-YACHTING.
FRIEDBERG, Ger. [**24**-38 D3]; **9**-840d.
— in der Wetterau, Hesse, Ger. **9**-840d.
Friede (law): *see* Fredus.
Friedeberg, Ger. [**24**-39 L3].
FRIEDEL, CHARLES (Fr. chem.) **9**-841a.
Friedel and Crafts reaction (chem.) **13**-355b.
Friedel Berg, mt., Ger. [**24**-39 G4].
Friedens, Pa. [**24**-106 C3].
Friedensburg, Pa. [**24**-107 E3].
Friedenskirche (church, Potsdam, Ger.) **18**-337c.
Friedenthal, Hans **14**-762c.
Friedericia, Den.: *see* Fredericia.
Friedewalde, Ger. [**24**-38 E3].
FRIEDJUNG, HEINRICH (Aus. hist.) **9**-841b.
FRIEDLAND (Aus.): *see* Frydlant.
—, Brandenburg, Ger. [**24**-39 K1].
—, Hanover, Ger. [**24**-38 E2].
FRIEDLAND, East Prussia, Ger. [**24**-40 E1]; **9**-841c.
FRIEDLAND, Mecklenburg-Strelitz, Ger. [**24**-40 A2]; **9**-841c.
Friedland (battle, 1807) **16**-107a; Alexander I. **1**-562b; map **9**-842.
Friedlingen (battle, 1702) **21**-164d.
FRIEDMANN, MEIR (Hung.-Jew. schol.) **9**-842b.
FRIEDRICH, CASPAR David (Ger. paint.) **9**-842b.
—, J. (Ger. schol.) **11**-602a.
Friedrich, Johann (Ger. schol.) **7**-508c; **16**-763a.
"Friedrich der Grosse" (battleship) **13**-219b.
FRIEDRICH KARL NIKOlaus: *see* Frederick Charles.
— **KRUPP AKTIEN-GESELLschaft** (Ger. co.) **9**-842c.
FRIEDRICHRODA, Ger. [**24**-39 F3]; **9**-842d.
Friedrichsbau (castle) **9**-962c.
Friedrichschall, Ger. [**24**-39 F3].
FRIEDRICHSDORF, Ger. **9**-842d.
Friedrichsfeld, Ger. [**24**-38 D4].
FRIEDRICHSHAFEN, Ger. [**24**-36 D5]; **9**-842d.
Friedrichshagen, Ger. [**24**-39 J1].
Friedrichshall, Nor.: *see* Fredrikshald.
Friedrichshamn, Treaty of (1809): *see* Fredrikshavn.
Friedrichs-platz (Cassel, Ger.) **4**-972d.
FRIEDRICHSRUH, Ger. **9**-842d.
Friedrichstadt, Latvia [**24**-47 C2].
— (Berlin, Ger.) **3**-444b fol.
Friedrichstrasse (Berlin, Ger.) **3**-444c.
Friedrichswerth, Ger. [**24**-38 F3].
Friedrich von Hausen (minnesinger) **10**-220b.
Friedrichwerder (Berlin Ger.) **3**-446c.
Friedrich Wilhelm, canal, Ger. [**24**-39 K1]; **3**-443d.
— Wilhelm University (Berlin): *see* Berlin: university.
Friedrich Wilhelm University (Bonn): *see* Bonn University.
Friedrickshall, Württemberg **19**-897c.
Friel, A. R. (physic.) **7**-826c.
Friend, J. N. (archae.) **2**-252c.
—, Kan. [**24**-142 B3].
—, Neb. [**24**-139 G4].
—, Oreg. [**24**-151 D2].
Friend, The **6**-10a.
Friendly, W.Va. [**24**-111 B2].
—, isls., Pac. O.: *see* Tonga, archip.
— Anglers, The (club) **1**-934c.
— **SOCIETIES** **9**-843a; benefits **9**-845b fol.; Enabling Acts **6**-383d; finance **9**-847a; protection of children **5**-471c; regulation **12**-287d; statistics **9**-846d; World War **9**-848a; *see also* Burial society.
— Societies Act (1819, Eng.) **1**-145d, (1834, Eng.) **4**-350c; (1896, Eng.) **9**-843b.
FRIENDS, SOCIETY OF (rel. sect) **9**-849d; Barclay **3**-105d; doctrines **9**-850a fol.; Doukhobors **7**-557a; housing **8**-463c; meetings **9**-851c; membership **8**-466a; ministers **9**-851b; offices **9**-852a; Wm. Penn **17**-474a; schools **9**-852b; U.S. **9**-852d; World War **9**-853d; **2**-771d; miners **9**-846c.
Friends' Foreign Mission Association (Eng.) **9**-852c.
Friendship, Ark. [**24**-120 C3].
—, Ind. [**24**-127 C4].
—, (Anne Arundel co.) Md. [**24**-109 C2].
—, (Worcester co.) Md. [**24**-109 D2].
—, Me. [**24**-96 C5].
—, N.J. [**24**-105 A3].
—, N.Y. [**24**-102 B3].
—, O. [**24**-125 B5].
—, Tenn. [**24**-117 B2].
—, Wis. [**24**-133 D6].
Friendship and Neutrality, Treaty of **10**-308b.
Friendship's Garland (Arnold) **2**-424b.
Friends of American Art (Ill.) **20**-907b.
— of God (mystic cult) **15**-285b; (rel. society) **16**-53a.
— of Italy, Society of the **7**-464a.
Friends of Learning, Society of (Pol.): *see* Society of Friends of Learning.
— of Music, Society of the (N.Y. City) **5**-623a.
— of the Air Fleet (U.S.S.R.) **19**-704b.
— of the Blind (Fin.): *see* Blindas Vanner, Das.
— of the People, Society of the (Eng.) **13**-765c; Scot. **20**-170a; Earl Grey **10**-881b.
— of the Rights of Man and of the Citizen, Society of the: *see* Cordeliers, Club of the.
— of The Road (Russ. society) **19**-698b.
Friends' Retreat (hospital, York) **9**-852b.
— University (Kan.) **23**-588d.
Friendsville, Ill. [**24**-129 E5].
—, Md. [**24**-108 A1].
—, Pa. [**24**-107 E2].
Friendswood, Ind. [**24**-127 B3].
Friern Barnet, Eng. **3**-123b.
Frierson, La. [**24**-121 A1].
FRIES, ELIAS M. **9**-854a.
FRIES, JAKOB F. **9**-854a.
Fries, O. [**24**-124 C2].
Friesack, Ger. **5**-4a.
Friesche Gat, str., Holl. **11**-646c.
FRIESLAND, prov., Holl. [**24**-28 D1]; **9**-854b; population **11**-649c; lordship map **16**-249c.
—, East, dist., Ger. [**24**-36 C2].
—, North, dist., Ger. [**24**-36 D1].
—, Wis. [**24**-133 D6].
— horses: *see* Chevaux-defrise.
FRIESY, EMILE O. **9**-854c.
Frieux, riv., Fr. **6**-518c.
FRIEZE (arch.) **9**-855a; Greek **10**-884b fol.; il. **8**-619; Parthenon il. **17**-343; Persian Pl. fig. 9 **22**-TILE; modern il. **1**-90.
Frigate, isl., Ind.O. **20**-420d.
FRIGATE **9**-855a; **6**-769a.
FRIGATE-BIRD **9**-855b
Frigerio, Ugo **23**-302a.
FRIGG (myth.) **9**-855c; **4**-169d; **21**-988c; **4**-568d.
FRIGIDARIUM **9**-855c; **3**-203c.
Frigidus (battle, 394) **2**-226a.
Friguiagbe, Fr. Guin. [**24**-80 B4].
Frihavn, port, Copenhagen **6**-398c.
Friia (myth.): *see* Frigg.
FRIIS, JOHAN **9**-855c.
—, Jörgen **21**-836c.
Frijole, Tex. [**24**-122 B4].
Frijtom, Frederick van **18**-348b.
"Frileuse, La" (Houdon) **11**-801c.
Friley, Ark. [**24**-120 B2].
Frilford, Berks., Eng. [**24**-15 B4].
Frill-back pigeon **7**-559a.
FRILLED LIZARD **9**-855d; **14**-247d.
— shark **20**-466b.
Frilley, M. **18**-896d.
Frimaire (Fr. rep. calendar) **9**-803b.
Friman, J. **20**-730c
Frimann, Claus **16**-560a.
Frimann, P. H. **16**-560a.
FRIMLEY, Sur., Eng. [**24**-15 C4]; **9**-855d.
FRIMONT, JOHANN M. P. **9**-855d.
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Fringed gentian **10**-121a.
— milkwort **15**-489d.
— water plantain **1**-636a
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— montefringilla: *see* Brambling.
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Fringing reef **6**-421d; **17**-6b.
Frink, Calif. [**24**-155 F6].
—, Fla. [**24**-115 C1].
Frinton-on-Sea, Ess., Eng. [**24**-15 E4].
Frinvillier, Switz. [**24**-30 C2].
Frio, co., Tex. [**24**-123 E5].
—, cape, Braz. [**24**-164 B5; **24**-191 E5].
—, cape, S.W.Af. [**24**-1; **24**-81 A1; **24**-185 E7].
Friockheim, Scot. [**24**-12 B1].
Friona, Tex. [**24**-122 C2].
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Frisco, Colo. [**24**-147 D2]
—, Ill. [**24**-129 D5].
—, N.C. [**24**-112 K2].
—, Utah [**24**-152 A4].
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Frisian, Robert the, count of Flanders **5**-256b.
— (lang.) **8**-554c; **7**-770d; *see also* Teutonic.
— horsemen: *see* Chevaux-defrise.
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Frissell, Varrick **13**-556d.
Fristoe, Mo. [**24**-140 D3].
Fritch, Tex. [**24**-122 D2].
Fritchie, Barbara **9**-722b.
Fritchton, Ind. [**24**-127 A4].
FRIT-FLY **9**-858a; **8**-622a; **9**-989b.
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Frithuwald (Anglo-Saxon k.) 16-539d.
Fritillaria: *see* Fritillary.
— bifiora: *see* Mission bells.
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— lanceolata: *see* Checkerlily.
— liliacea: *see* White fritillary.
— meleagris: *see* Snake's-head.
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—, diet (919) 9-858d.
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—, lake, Sask., Can. [24-91 D2].
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Frontignan, Fr. [24-27 G4]; wines 11-474b; 23-653d.
Fronting (lang.): 1-1d.
FRONTINUS, SEXTUS IULius 9-873d; aqueducts 2-161a; Wales 23-294d.
FRONTISPIECE 9-873d.
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— -clypeus (insect anat.) of moth fig. 2 13-946.
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— Royal, Va. [24-110 F2].
Froome Selwood, Som., Eng.: *see* Frome.
Frörup, Den. [24-46 C3].
Fröschweiler (battle, 1870): *see* Wörth.
FROSINONE, It. [24-34 D4]; 9-874b.
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—, **EDWIN B.** 9-874b.
—, John 4-677d; 5-309c.
—, Meshech 9-875d.
—, **ROBERT** (Am. poet) 9-874c; 1-793a; 18-113d; portrait fig. 17 1-AMERICAN LITERATURE.
—, Robert (Eng.) 13-569b.
—, Sarah Frances: *see* Marlowe, Julia.
—, **WILLIAM E.** 9-874d.
—, Mich. [24-130 C3].
—, Minn. [24-135 E8].
—, O. [24-125 D4].
—, S.C. [24-113 C2].
FROST 9-874d.
FROSTBITE 9-875c; chilblains 5-466b; treatment 9-285a.
FROSTBURG, Md. [24-108 A1]; 9-875d.
Frosted poor-will (bird) 18-222c.
Frosterley, Dur., Eng. [24-13 C3]; marble 7-762d.
Frost-rib (tree) 22-219c.
— -valve (mech.) 11-960d.
Frostviken, Swed. [24-42 G4].
Frostville, Ark. [24-120 B4].
FROST-WEED 9-875d.
Frosty, N.C. [24-112 F2].
FROTHINGHAM, OCTAVIUS B. 9-875d.
Fröttstädt, Ger. [24-38 F3]
Frouard, Fr. [24-25 M3].
FROUDE, JAMES A. 9-876a style 8-598b; Carlyle 4-881d.
—, R. E. (engin.) 20-524c; 23-865a.
—, William 20-525a; hydraulic dynamometer 11-963d; 7-814d; aerodynamics 1-244d.
— brake 7-814b.
Frövi, Swed. [24-45 F2].
Froward, cape, Chil. [24-165 B7].
Frowinus 23-514b.
Froxfield, Wilts., Eng. [24-15 B4].
Froya, Nor. [24-42 D5].
Frozen, str., Northwest Terr., Can. [24-87 M3].
— **CREDIT** 9-876d.
— **DISHES**: *see* Ice Cream
— **MEAT**: *see* Meat.
F.R.S. (abbrev.) 1-24c.
F.R.S.E. (abbrev.) 1-24c.
F.R.S.L. (abbrev.) 1-24c.
Fruchie, Scot. [24-12 A1].
Fruchtbringende Gesellschaft, Die (Ger. academy) 1-84a; 10-222d.
Fructidor, 18 (Fr. hist.) 9-642a; calendar 9-803b.
Fructifying bacteria types of fig. 14 2-908.
FRUCTOSE 9-876d; 4-833b; diet 7-355b; 10-444a.
Frueh, A. J. Pl. IV. fig. 6 4-CARICATURE.
Fruenkirche (church, Copenhagen) 22-156d.
Frug, Semjon Grigorjewitsch 23-891d.
Frugality, Pa. [24-106 C3].
Fruges, Fr. [24-24 H1].
FRUGONI, CARLO I. M. 9-876d; 12-744c.
Frühbuss, Czech. [24-39 H3].
Frühling und Göschen (bankers) 8-92c.
Fruin, glen, Scot. 7-728d.
FRUIT 9-878a; angiosperms 1-927a; dietetics 6-372a; 5-478d; drying 9-887b; production; see *Agriculture:* under names of separate countries; *and* Fruit Farming *below.*
Fruita, Colo. [24-147 B2].
—, Oreg. [24-151 J2].
Fruitarianism 23-27d.
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— bottling (process) 18-451b.
— cake 4-541b.
— **COOKERY** 9-878d; canning 4-748d fol.; pudding 5-159c; 18-753a; salad 19-865d.
Fruitdale, Ala. [24-118 A4].
—, Ind. [24-127 B3].
—, O. [24-125 B4].
—, S.Dak. [24-137 A2].
Fruitdale Dispatch Company (Can.): *see* United Fruit Company.
FRUIT FARMING 9-879b; 11-777a; research 1-383a; 8-622d; elec. power 8-167a.
— fly heredity studies 6-942b fol.; 1-98b, life cycle 6-166d; longevity 7-110d fol.
Fruit garden (Sa'dī): *see Būstān.*
Fruit Hill, S.C. [24-113 C3].
Fruithurst, Ala. [24-118 D2].
Fruitland, Ia. [24-138 F3].
—, Ida. [24-145 A5].
—, Md. [24-109 D2].
—, Mo. [24-141 H4].
—, N.Mex. [24-148 A2].
—, Tenn. [24-117 C2]
—, Tex. [24-123 F3].
—, Utah [24-152 D2].
—, Wash. [24-150 G2].
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Fruit Valley, N.Y. [24-103 D2]
Frullania (bot.) 4-305c; dilatata (liver wort) fig. 7 4-305b.
FRUMENTIUS 9-887c; Abba Salāmā 8-779d; 1-79d.
Frumkin (Russ. pol. leader) 19-739b.
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FRUNZE, MIKHAIL VASSILievich 9-887d.
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Frusino, It. 13-759b.
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FRY (Eng. Quaker family) 9-888b.
—, C. B. (Eng. athlete) 13-181d; 6-697, 700, 701; Pls. I and II. 6-CRICKET.
—, **SIR EDWARD** 9-888b; 2-223d.
—, **ELIZABETH** 9-888c; prison reform 18-515b.
—, **ROGER ELLIOT** 9-889a.
—, T. C. 22-79a.
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Fry (term) 10-17a.
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—, Ark. [24-120 D1].
—, mt., Alta. and B.C., Can. [24-91 B3].
Fryburg, N.Dak. [24-136 A3].
—, Pa. [24-106 B2].
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Fryer destructor 7-269d.
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Fryksände, Swed. [24-44 E1].
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F.S.A.A. (abbrev.) 1-104b.
F.S.S. (abbrev.) 1-24c.
F-steel (Ger. met.): *see* Freund steel.
ft. (abbrev.) 1-24c.
ft.b.m. (abbrev.) 1-24c.
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—, Manchuria, China [24-69 L4].
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FUEL RESEARCH BOARD (Brit.) 9-901c.
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Fuensaldana, Count (Sp. gen.) 9-865d.
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— del Arco, Sp. [24-32 C3].
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—, Mutsu prov., Japan **9**-908a.
—, preft., Jap. [**24**-74 G7].
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FULCHER OF CHARTRES (Fr. chronicler) **9**-908b; crusades **6**-797b.
— (Orleans) **6**-774b.
Fulco (poet) **6**-797c.
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—, Ind. [**24**-127 B4].
—, Minn. [**24**-135 C8].
—, O. [**24**-125 D4].
—, riv., Ger. **24**-38 E2]; **4**-972d.
—, peace of (1190) **11**-444b.
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FULGENTIUS, SAINT (bp., Ruspe) **9**-908d.
—, **FABIUS PLANCIADES** **9**-908d.
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Fulgoridae (entom.): *see* Lantern fly.
Fulgur (myth.) **13**-187d.
FULGURITE (petrology) **9**-909b; **21**-880a.
FULHAM, boro., Lond. **9**-909c; pottery **18**-350c.
Fu-li, Fr.I.C. [**24**-71 C1].
Fulica (zool.): *see* Coot.
Fu-lin (enamel ware) **8**-419c.
FULK (k., Jerusalem) **9**-909d; **1**-976d; **2**-966a; **6**-778d fol.; **6**-796; **18**-1005b.
— (the Red) **1**-976a.
— II. (the Good) **1**-976b.
FULK (archbp., Reims) **9**-909d.
Fulk IV. (Réchin) **1**-976c.
Fulk Fitz Warine (chanson de geste) **1**-945a.
FULK NERRA (count of Anjou) **9**-910b; **1**-976b.
Fulk (Neuilly) **6**-786d.
Fullager engine **12**-502a.
Fullanham, borough, London, Eng.: *see* Fulham.
Full anthem (mus.) **2**-25b.
Fullarton, William **17**-914b.
—, Scot. **12**-693c.
Full-back (football) **9**-475b.
— -battery system (mining) fig. 36 **5**-907d.
— -cell process **22**-222a.
Fuller (Brit. col.) **4**-643c.
—, Alvan T. **19**-793c.
—, Andrew **3**-87d.
—, Sir Francis **2**-506a.
—, **GEORGE** (Am. paint.) **9**-910b; **17**-56d.
—, Sir J. Bampfylde **3**-407b.
—, **JOHN F. C.** (Brit. sol.) **9**-910c.
Fuller, L. F. **23**-667d.
—, **MARGARET, MARCHIONess Ossoli** (Am. writ.) **9**-910d; **14**-378c.
—, **MELVILLE W.** **9**-911b.
—, Meta W. **16**-198c.
—, Samuel **6**-251d.
—, Sarah **7**-103c.
—, **THOMAS** **9**-911b.
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Fullering **9**-510b.
Fuller mill **5**-106d.
FULLER'S EARTH **9**-912b.
Fuller's teasel (bot.) **21**-865b.
FULLERTON, LADY GEORgiana Charlotte **9**-912d.
—, Ark. [**24**-120 C4].
FULLERTON, Calif. [**24**-155 E6]; **9**-912d.
—, Ill. [**24**-128 D3].
—, Kan. [**24**-142 C3].
—, Ky. [**24**-116 H2].
—, La. [**24**-121 B2].
—, N.Dak. [**24**-136 F3].
—, Neb. [**24**-139 G3].
—, Tex. [**24**-123 G4].
"Fullerton" (a dog) **6**-602d.
Fullertown, O. [**24**-124 D2].
Full-floating axle **15**-893a.
Fulling (indus.): *see* Mercerizing.
Full moon (astron.) **15**-778d.
— Nelson (wrestling) fig. M **23**-805.
Fullonian group (geol.) **13**-195b.
Full-rigged ship Pl. I. fig. 5 **19**-RIGGING.
— stop (punctuation) **18**-768a.
Fully, lake, Switz. **8**-157d.
FULMAR (bird) **9**-912d.
Fulminates (chem.) **9**-913a.
Fulminating gold **10**-481d.
FULMINIC ACID **9**-913a; **14**-37d.
Fulminuric acid **9**-913b.
FULTON, ROBERT **9**-913b; **21**-355a; Bell **3**-372b; "Clermont" **20**-511d; Livingston **14**-238b; torpedo **15**-534a; **22**-300d.
—, co., Ark. [**24**-120 D1].
—, co., Ga. [**24**-114 B3].
—, co., Ill. [**24**-128 B3].
—, co., Ind. [**24**-126 B1].
—, co., Ky. [**24**-116 A4].
—, co., N.Y. [**24**-103 F2].
—, co., O. [**24**-124 A2].
—, co., Pa. [**24**-106 C4].
—, Ala. [**24**-118 B4].
—, Ark. [**24**-120 B4].
—, Calif. [**24**-154 B3].
—, Ia. [**24**-138 G2].
—, Ill. [**24**-128 B2].
—, Ind. [**24**-126 B2].
—, Kan. [**24**-142 H3].
—, Ky. [**24**-116 B4].
—, La. [**24**-121 A3].
—, Md. [**24**-109 C1].
—, Mich. [**24**-131 F7].
—, Miss. [**24**-119 D1].
FULTON, Mo. [**24**-141 F3]; **9**-913c.
FULTON, N.Y. [**24**-103 D2]; **9**-913d.
—, O. [**24**-124 C3].
—, Oreg. [**24**-151 G2].
—, S.Dak. [**24**-137 G3].
—, Tenn. [**24**-117 B2].
—, lakes, N.Y. [**24**-103 F2].
"Fulton" (ship) **9**-913c.
"Fulton II." (ship) **17**-543d.
Fultonham, N.Y. [**24**-103 F3].
—, O. [**24**-125 C4].
Fultonville, N.Y. [**24**-103 F3].
Fulvia (wife of Mark Antony) **2**-83d fol.; Cicero **5**-694c.
— (Rom. gens): *see* Flaccus.
Fulvus, Aurelius (Rom. consul) **2**-82c.
Fumage (tax) **11**-312d.
Fumal, Belg. [**24**-29 D4].
Fumaria (bot.): *see* Fumitory.
FUMARIC AND MALEIC ACIDS **9**-913d; **21**-391d.
FUMAROLE **9**-914a.
Fumay, Fr. [**24**-25 K2]; **9**-871a fol.
Fumban, Fr. Equat. Af. [**24**-82 B1].
Fumbina, W. Af.: *see* Adamawa.
Fumble (football) **9**-481d.
Fumbuni, Mohilla I., Ind. O. [**24**-83 H5].
Fumed oak **9**-915b.
Fumel, Fr. [**24**-26 D3].
Fum el Khink, region, Sah. [**24**-78 D3].
FUME PRECIPITATION, Electrical **9**-914b.
FUMERELL: *see* Femerell.
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FUMIGATION **9**-915b; **6**-915a; **8**-624d; **12**-401b.
Fuming: Chemical **21**-544d; (electrical) **20**-302d.
FUMITORY (bot.) **9**-915b; **9**-913d.
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"Funabenkei" (Jap. No Drama) Pl. I. fig. 8 **16**-NO DRAMA.
Funafuti, isl., Pac. O. **6**-423b; **8**-368d.
Funakawa, Jap. [**24**-75 L4].
Funambulus (zool.): *see* Palm squirrel.
Fu-nan, anc. king., Fr. I. C. **4**-639b.
Funaria hygrometrica (bot.) **11**-485a; fig. 11 **4**-306.
Funatsu, Jap. [**24**-75 K5].
FUNCHAL, Mad. Is. [**24**-78 A2]; **9**-915c; **14**-607d fol.
Funck-Brentano, F. **12**-682d.
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Functional differentiation (embryol.) **8**-977d.
— diseases **15**-196c.
— growth (biol.) **10**-919d.
Functionalization (employees) **16**-717d.
Functional modulation **11**-209d.
— motor paralysis (med.) **17**-263a.
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Fund (econ.) **23**-448c.
Fundabiabo, Bel. Cong. [**24**-82 E4].
Fundal portion (anat.) **7**-376d.
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Fundamental astronomy **2**-580a.
— catalogue **22**-227c.
Fundamental Doctrines, On the (Origen) **16**-901a.
Fundamental interval (thermometry) **22**-113a fol.
FUNDAMENTALISM AND Modernism (rel.) **9**-921c; Scopes anti-evolution trial **7**-95d.
Fundamental laws (1906, Russ.) **19**-725c.
— note (harmony): *see* Tonic.
— Orders (of Conn.) **6**-269a.
— pact (ethics) **8**-772a.
— quantities **17**-877b.
— signalling frequency (telegraph) **21**-890a.
— theorem (math.) **8**-666a fol.
Fundamenta Mathematicâ (period.) **15**-77d.
Fundamentum divisionis (logic) **7**-451d.
FUNDED DEBT **9**-922c; *see also* Bonded debt.
Fundi, anc. It.: *see* Fondi.
Funding Act (1866, U. S.) **22**-815a.
— Agreement **12**-465d.
— loan (Brit. fin.) **12**-565b.
Fundi Sadi, Bel. Cong. [**24**-82 E3].
Fundulinae (zool.) **9**-318a; **6**-930d.
Fundulus (zool.) **9**-318b; **15**-564a; *see also* American minnow; Top minnow.
Fundus (anat.) **1**-628d.
FUNDY, BAY OF, N.S., Can. [**24**-88 D3; **24**-187 J4]; **9**-922d; tides **16**-570a; **22**-193d; Viking routes map **1**-750.
FUNEN, isl., Den. [**24**-46 C3; **24**-178 G4]; **9**-922d; **7**-203b; **7**-1004b.
Funeral, mts., Calif. [**24**-155 E4].
"Funeral Procession of a Mummy on the Nile, The" (F. Bridgman) **4**-143b.
FUNERAL RITES: *see* Dead, Disposal of the; Burial Customs; *see also* **5**-15b; **7**-97c; Egypt **8**-47b fol.; Indian **4**-982c; prehistoric **2**-239a fol.; Iron Age **2**-254b; Scythia **20**-236d; Teutonic **21**-988a.
Funereal cockatoo **5**-941a.
Fünfkirchen, Hung.: *see* Pécs, Hung.
FUNG (race) **9**-922d; Arab ancestry **2**-198d fol.; history **21**-509a; Sennar **20**-330b.
FUNGI **9**-923a; **18**-33b; amanita il. **1**-727; classification **9**-927c; De Bary **7**-114d; dry rot **7**-693c; fumaric acid **9**-913d; gall formation **9**-989c; grape diseases **23**-170c; palaeozoic remains **17**-72b; phosphorescence **17**-779d; physiology **9**-926a; lichens **14**-29a; ringworm **20**-754b; soil changes **20**-930c; crop destruction **9**-87d; fig. 2 **18**-33.
Fungia patella (coral) Pl. fig. 5 **2**-ANTHOZOA.
Fungicides **7**-694b.
Fungiform papillae **22**-281a.
Fungi imperfecti **9**-930b; **20**-933c.
Fungus midge (insect) **7**-412c.
Funicle (bot.) **9**-415a; fig. 4 **20**-274.
Funicular diagram (mech.): *see* Stress diagram.
Funiculus (anat.) **16**-239a; fig. 2 **4**-9.
Fu-ning, China [**24**-70 D4].
Funisciuris (zool.) **19**-372b.
Fu-niu-shan, mts., China [**24**-70 B3]; **5**-509b.
Funj (race): *see* Fung.
FUNK, FRANZ XAVER VON **9**-936b.
—, Neb. [**24**-139 E4].
—, isl., Nfd. [**24**-93 D2].
Funkhouser, Ill. [**24**-129 D4].
FUNKIA (bot.) **9**-936c.
Funkley, Minn. [**24**-134 D4].
Funks Grove, Ill. [**24**-128 C3].
Funkstown, Md. [**24**-108 B1].
FUNNEL **9**-936c; **5**-346c; figs. 10 and 19 **5**-345.
Funniyeh (race): *see* Fung.
Funny-bone (anat.): *see* Ulnar nerve.
Funsi, Go. Cst. [**24**-80 D3].
FUNSTON, FREDERICK **9**-936c; Aguinaldo **17**-732a.
—, La. [**24**-121 A1].
—, N.Dak. [**24**-136 D1].
Funt (weight) **15**-139d; *see also* Founte.
Funter, Alsk. [**24**-156 O7].
Funti, riv., Port.E.Af. **7**-148b.
Funtumia elastica (bot.) **19**-602c; **13**-1002c.
Funza, riv., Colom. **3**-780b.
Fuoco, Il (D'Annunzio) **2**-5d.
Fuoring, Mong. [**24**-69 J2].
Fuqua, Tex. [**24**-123 G4].
Fur. (abbrev.) **1**-24c.
FUR **9**-936d; **20**-753c; **11**-249b; felt **9**-154b.
—: *Industry:* **9**-938a fol.; **10**-724a fol.; cony **6**-303d; St. Louis **19**-844d; storage **19**-56b.
— (people) **16**-583b.
Fur, isl., Den. [**24**-46 B2].
Fura, dist. E.Af. **17**-650c.
Furan (chem.): *see* Furfuran.
FUR-BEARING ANIMALS (Land) **9**-940c.
Furca (instru.) **9**-512a.
Furcate (basketry) **3**-179b.
Furcellaria (bot.) **1**-598d fol.
Furches, N.C. [**24**-112 D1].
Furcraea foetida willemetiana (bot.): *see* Aloe creole.
— gigantea: *see* Aloe.
Furcula (anat.) **19**-226b; **20**-741b.
Furculae Caudinae, passes, It.: *see* Caudine Forks.
Furcy, Hai. **11**-82a.
Furdenesia (abbey): *see* Furness abbey.
Fure, Jap. [**24**-75 M1].
FURETIERE, ANTOINE **9**-941d; **1**-857b; Lafontaine **13**-590d; **17**-907b.
FUR FARMING **9**-942a; Canada **4**-700c; **3**-601a.
FURFOOZ, Belg. **9**-943a.
FURFURAN (FURAN) **9**-943a; **5**-381d fol.
FURFUROL (chem.) **9**-943c; **1**-548c; **5**-382d; **21**-245c.
Furg, Pers. [**24**-63 D3].
Furgun, mt., Pers. [**24**-63 D3].
Furhlang **4**-167c.
Furi (Jap. dance) **7**-18c.
Furia Caninia lex (A.D. 7, Rome) **20**-777a.
Furiae (myth.): *see* Erinyes.
FURIES (myth.) **9**-943c.
"Furious" (ship) Pl. I. fig. 6 **1**-AIRCRAFT CARRIER.
Furipteridae (bot.) **5**-600b.
Furka, pass, Switz. [**24**-31 E3; **24**-186 D3]; **22**-939d.
Furlanians (people) **9**-858d.
Furley, Kan. [**24**-142 E4].
FURLONG (measure) **9**-943c; **15**-143c.
Furman, Ala. [**24**-118 C4].
—, S.C. [**24**-113 C4].
Furmanov, D. **19**-757c.
Furnace **11**-346a; Pl. IV. fig. 2 **18**-POWER TRANSMISSION; **3**-801c; **3**-802a; coal **5**-874a; construction **9**-945d; **9**-266c; glass mfr. **10**-415c; figs. 1-3 **3**-954a; hoist control fig. 7 **8**-310; oil **16**-739a; fig. 5 **3**-796; *see also* Annealing furnace.
—, **ELECTRIC:** *see* Electric Furnace.
—, **METALLURGICAL** **9**-943d; brass **8**-313a; copper mfr. **6**-405a; iron and steel **12**-669a; **3**-701d fol.
Furnace End, Warwick, Eng. [**24**-14 B3].
FURNARIIDAE: see Ovenbird.
Furnarius (bird genus): *see* Ovenbird.
Furnas, co., Neb. [**24**-139 E4].
FURNEAUX, TOBIAS **9**-946d; Cook **2**-14b; Austr. **2**-714b.
Furneaux, isls., Tas. [**24**-171 H7; **24**-192 D4].
FURNES (Veurne), Belg. [**24**-29 A3]; **9**-947a.
FURNESS, HORACE H. **9**-947a.
Furness, dist., Lancs., Eng. [**24**-10 C2]; **9**-947c; **13**-637a; barrow **3**-148b.
Furness Abbey, Eng. [**24**-13 A3]; **6**-995c; **9**-947d.
FURNESS WITHY AND Company Limited (shipping) **9**-947b; **20**-559c.
Furni, isls., Gr. [**24**-55 E4].
FURNISS, HARRY **9**-948a.
Furniss, N.Y. [**24**-103 D2].
Furnissville, Ind. [**24**-126 A1].
FURNITURE: *see* Interior Decoration and Furniture; Furniture Manufacturing; Wood Carving and under names of designers and pieces.
— (print.) **18**-502c.
— beetle (insect) **22**-221b; **6**-7c; **7**-114c.
FURNITURE MANUFACture **9**-948a; England **10**-724a; **10**-709b; modern craftsmanship **12**-488b fol.; timber **22**-218b fol.; U.S. **21**-42d.
FURNITURE POLISH **9**-951b.
FURNITURE WOODS: *see* Timber; Hardwoods.
Furnival, John Talbot, lord: *see* Shrewsbury.
FURNIVALL, FREDERICK J. **9**-951c; **15**-979b; **7**-340a.
Furnley, Nev. [**24**-153 A3].
Furo, riv., Braz. **2**-211a.
Furoic acid **9**-943b; *see also* Furturan.
Furoin **9**-943b; **5**-382d.
Furol (chem.): *see* Furfurol.
Furport, Wash. [**24**-150 H2].
Furrowed work (masonry) **15**-22b.
Furrow opener (agri.) **6**-853d.
— -presser (agri.) **21**-103d.
— wheel (plough) il. **6**-851.
Furry willow (shrub) **23**-628c.
FURSE, CHARLES W. **9**-951c.
—, **DAME KATHARINE** **9**-951d.
Fur Seal, isls., Bering Sea: *see* Pribilof Islands.
FUR-SEALS (zool.) **9**-951d; **20**-242a fol.; **4**-900b.
Furšeus (missionary) **7**-858a
FURST, JULIUS **9**-952b.
Fürst, Walter **21**-912b.
Fürsten (princes) **7**-354c.
Fürstenau, Ger. [**24**-38 C1].

FURSTENBERG (fam.) **9**-952b.
—, Brandenburg, Prus., Ger. [**24**-39 K1]; porcelain **18**-353a.
—, Waldeck, Ger. [**24**-38 D2].
Fürstenbund (Ger. p o l. league) **11**-526a; Charles Augustus **5**-291c; Frederick II. **9**-718b.
Fürsteneck, Ger. [**24**-39 J5].
Fürstenfeld, Aus. [**24**-50 D3].
FURSTENWALDE, Ger. [**24**-39 K1]; **9**-953b; treaty (1373) **4**-30c.
FURTH, Bav., Ger. [**24**-39 F4]; **9**-953b; **3**-230d fol.
— (-im-Walde), Bav., Ger. [**24**-39 H4].
Furth, Switz. [**24**-31 G3].
Furthcoming (Scot. law) **2**-431d.
Furtum manifestum (Rom. law) **19**-453a.
Furtustrandis (Viking geog.) map **1**-750.
FURTWANGLER, ADOLF 9-953c; **10**-808c.
—, **WILHELM 9**-953c.
Furubetsu, prov., Jap. **13**-522b.
Furudal, Swed. [**24**-45 F1].
Furue, Jap. [**24**-75 G8].
Furuvik, Swed. [**24**-45 G1].
"Fury" (ship) **2**-293c.
Fury and Hecla, str., Northwest Terr., Can. [**24**-87 N3]; **2**-293c.
Furyl furoate (chem.) **9**-943c.
FURZE (GORSE, WHIN) (bot.) **9**-953c; **13**-881a fol.; **6**-941b; **8**-462a.
Fusan (Husan), Kor. [**24**-74 F6]; **13**-485d.
Fusarium (fungus) **20**-933c.
— caeruleum **18**-328a.
— cubense (fruit disease): *see* Panama disease.
FUSARO, lake, It. **9**-954a.
Fuse, riv., Ger. [**24**-38 F1].
FUSE (Fuze) **9**-954a; blasting **3**-709a; **3**-709c fol.; bomb, **1**-828a; early forms **1**-821b fol.; electrical **8**-287d.
— igniter fig. 12 **3**-710.
FUSEE: *see* Matches.
— (mech.) **5**-663d; **23**-402c.
FUSELAGE 9-954a.
FUSELI, HENRY (Anglo-Swiss paint.) **9**-954c.
FUSEL OIL 9-954d; **1**-855b; **21**-245c.
Fu-shan, China [**24**-70 D2].
Fushiebridge, Scot. [**24**-12 A2].
Fushiki, Jap. [**24**-74 K5].
Fushimi, Jap. [**24**-74 J6].
Fushtani, Gr. [**24**-54 C2].
Fushun, coalfields, China **14**-785c; **5**-510c.
FUSIBLE METAL 9-955a.
Fusiform aneurysm (med.) **1**-920a.
Fusil (heraldry) **11**-467a.
— Furrer machine gun **20**-810b.
Fusilie, La. [**24**-121 B3].
Fusilier **16**-25c.
Fusilly (heraldry) **11**-462c.
Fusio, Switz. [**24**-31 F4].
FUSION 9-955b; **11**-315a; **4**-624d.
— (assaying) **2**-555b; electrolysis **15**-312d fol.; **3**-894b.
—, heat of **13**-739c.
Fusionista (Sp. pol. party) **21**-138a.
Fuss (measure) **15**-139d.
FUSSEN, Ger. [**24**-36 E5]; **9**-955b; peace (1745) **2**-779b; **3**-234a.
Fussli, Henri: *see* Fuseli.
FUST, JOHANN 9-955c; **6**-42a; **18**-499d; Gutenberg **11**-12b.
Fustät, Egy.: *see* Fostat.
FUSTEL DE COULANGES, Numa Denis 9-955d.
FUSTIAN 9-956b; **23**-39a.
FUSTIC (YELLOW WOOD; Old Fustic) 9-957b; **7**-804b; **21**-795c.
Fusulina (zool.) **4**-845b fol.
Fusulina limestone **17**-537d.
Fusuma, isl., Jap. [**24**-75 D11].
Fusus antiquus (zool.): *see* Hard whelk.
Futa Jallon, mts., W. Af. **23**-521c; **9**-759a.
Futa Jalon, dist., Fr. Guin. [**24**-80 B3; **24**-184 B4]; **9**-997a.
Futanke (people): *see* Tukulor.
Futhark (runic) **19**-660a.
Futon (quilts) il. **3**-294d.
Futschöl, pass, Switz. [**24**-31 J3].
Fu-tsing, China [**24**-70 C4].
Futuna, isl., Pac. O. **17**-13c.
Future goods (law) **19**-873d.
FUTURES 9-957c; **14**-915c; cotton **6**-541b; grain **10**-606d; hedging **11**-376d; settlement **4**-231c fol.
FUTURISM (art): *see* Painting; Post Impressionism; *see also* **18**-321d; **17**-63a.
— (lit.) **19**-757a.
Futurity (race, U.S.) **11**-769a.
Fuwa, Arab. [**24**-62 D5].
FUX, JOHANN J. 9-957c.
Fuyuge (Papuan lang.) **17**-241c.
Fuze (explosive): *see* Fuse.
Fuzûlî (Turk. poet) **22**-619d.
Fuzzy-wuzzies (nick-name): *see* Baggâra.
Fyansford, Austr. **10**-86a.
Fychan, Rowland **23**-509c.
Fyen, isl., Den.: *see* Fünen, isl., Den.
Fyfield, Eng. [**24**-15 B4].
Fyfield, Ess., Eng. [**24**-15 D4]; origin of name **17**-988a.
Fylfot (cross): *see* Swastika.
Fylgiur (myth.) **21**-989a.
Fylke, dist., Nor. **16**-550c.
Fylkesmann (gov.) **5**-730c.
Fyllebro (battle) **5**-283b.
FYNE, LOCH, Scot. [**24**-19 C5, 6]; **9**-957d; **2**-338d.
Fynloch, hill, Scot. **13**-381c.
Fynn, Henry Francis **16**-129b.
Fyns Hoved, cape, Den. [**24**-46 C3].
FYRD (mil.) **9**-957d; **10**-677b; **15**-484b; **4**-167a.
Fyresdalsl Vand, lake, Nor. [**24**-44 C2].
Fyrnwy, lake, North Wales: *see* Vyrnwy.
Fyrst Boke of the Introduction of Knowledge (Boorde): see *Introduction of Knowledge, Fyrst Boke of the.*
FYT, JOHANNES 9-957d; **21**-409a; "Dead Game" Pl. III. fig. 2 **21**-STILL LIFE.
Fytche (Brit. dipl.) **4**-431c.
Fytnargyn, pass, U.S.S.R. **5**-56a.
Fytte (prosody): *see* Fit.
Fyvie, Scot. [**24**-19 F4].
FYZABAD, India [**24**-64 F3], **9**-958a; **17**-923d.
F.Z.S. (abbrev.) **1**-24c.

G

G (letter) **9**-959a.
g. (abbrev.) **1**-24c.
G (mus.) **9**-959d.
Ga. (abbrev.) **1**-24c.
Ga (symbol): *see* Gallium.
Ga (lang.) **10**-486b.
GA'ALIIN: *see* Arabs.
Gabae, Pers.: *see* Isfahan.
Gabão, Rio de, Fr. Equat. Af.: *see* Gabun, riv.
GABARDINE (fabric) **9**-959d.
— (garment): *see* Gaberdine.
Gabarret, Fr. [**24**-26 C4].
Gabartî: *see* Jabartî.
Gabarus, bay, Cape Breton I., Can. [**24**-88 J3].
Gabas, Fr. [**24**-26 C5]
GABA TEPE, LANDING AT, 1915: *see* Dardanelles Campaign.
Gabbettville, Ga. [**24**-114 A4].
Gabble Ratchet: *see* Gabriel hounds.
GABBRO (petrol.) **9**-960a.
— -pegmatite (min.) **9**-960c.
— -porphyrite (rock) **18**-244b.
Gabbros, analyses **9**-961a.
Gabe, Dora (au.) **4**-369d.
GABELENTZ, HANS C. VON der **9**-961a.
GABELLE (tax) **9**-961b.
GABELSBERGER, FRANZ X. 9-961c.
Gabene, prov., Pers.: *see* Anshan.
GABERDINE 9-961c.
Gaberi (tribe) **2**-925d.
Gaberones, Bech. [**24**-81 D2].
GABES, Tun. **9**-961c.
Gabesawa, Nig. [**24**-80 F3].
Gabet, Joseph (missionary) **11**-856b; **22**-184a.
Gabgaba, riv., A.-E.Sud. [**24**-79 C3].
Gabiane, prov , Pers.: *see* Anshan.
GABII, It. **9**-961d.
Gabin, Pol. [**24**-40 D2].
Gabine (stone): *see* Sperone.
Gabinia, lex (67 B.C.) **9**-962a; **19**-494c.
GABINIUS A. 9-962a; **13**-53d.
Gabinus ritus: *see under* Gabii.
Gabland, Md. [**24**-108 B1].
GABLE (arch.) **9**-962b; **3**-378c.
Gablenz, Ger. [**24**-39 K2]
Gables, Neb. [**24**-129 F3].
GABLET (arch.) **9**-962d.
GABLONZ: *see* Jablonec and Nison.
Gabon, colony, Fr.Equat.Af.: *see* Gabun, colony.
—, riv., Fr.Equat.Af.: *see* Gabun, riv.
Gaboon mahogany **22**-220c.
— viper (zool.) **23**-178b.
Gabor, Bethlen: *see* Bethlen Gabor.
GABORIAU, EMILE (au.) **9**-962d.
Gabra Chrestos **8**-780c.
Gabri (people) **18**-370d.
GABRIEL (bibl.) **9**-962d.
Gabriel (paint.) **9**-674c.
—, Ange J. (arch.) **15**-631d.
—, S. (chem.) **1**-814d.
—y Gatán, José M. (au.) **21**-159c.
— **HOUNDS** (legend) **9**-963a.
GABRIELI (fam.) **9**-963a.
GABRIELINO (tribe) **9**-963a.
Gabrielle (Augier) **2**-678a.
Gabriels, N.Y. [**24**-103 F1].
GABRILOWITSCH, OSSIP (mus.) **9**-963b.
Gabris, Switz. [**24**-31 G2].
GABROVO, Bulg. [**24**-53 C4]; **9**-963c; **4**-357d fol.; Pl. II. fig. 1 **4**-BULGARIA.
GABUN, dist., Fr. Equat. Af. [**24**-82 B3]; **9**-963c; **9**-756a.
—, riv., Fr. Equat. Af. [**24**-82 A2; **24**-185 D5]; **9**-963c.
— ebony: *see* Black ebony.
Gacé, Fr. [**24**-24 F3].
— **BRÛLE** (poet) **9**-963c.
Gaceta de Caracas (Venez.) **16**-359d.
Gaceta de Lima (Peru.) **16**-359c.
Gaceta de Mexico (Mex.) **15**-388c.
GACHARD, LOUIS P. 9-963d; **3**-349a.
Gachkov, Alex. (pol.) **19**-726a.
G-acid (chem.) **16**-73c.
Gackle, N.Dak. [**24**-136 E3].
Gacko, Yugos. [**24**-52 D3].
GAD (bibl.) **9**-963d; **10**-349d.
Gadabâ (lang.) **15**-957d.
GADAG, GARAG, India [**24**-67 C3]; **9**-964a; **7**-301a.
Gadalâdeniya, Cey. arch. **12**-225a.
Gadame, Aby. map **1**-71.
GADAMES, Sah.: *see* Ghadames.
GADARA, Pal. **9**-964a; map **17**-129.
Gadara (tribe) **3**-7c.
Gadberry, Ky. [**24**-116 E3].
Gadda, Pal.: *see* Qul 'at ez Zerga.
Gaddas (ruler): *see* Kandis.
GADDI (fam.) **9**-964b.
—, Agnolo (paint.) **9**-964c.
—, Gaddo (art.) **9**-964b.
—, Giovanni (paint.) **9**-964d.
—, Taddeo (paint.) **9**-964c.
—, Zanobi (dipl.) **9**-964b.
GADE, NIELS V. 9-964d.
Gadeana, Mex. [**24**-158 C1].
Gadeira, Sp.: *see* Cadiz.
Gadeni (tribe) **17**-432d.
Gâdêr, Sp.: *see* Cadiz.
Gades, Rom.Emp. [**19**-500 A4].
—, Sp.: *see* Cadiz.
Gad-fly (zool.) **8**-628a.
Gadget (tool) **10**-416c.
Gadibursi (people) **20**-966a.
GADIDAE (fish) **9**-965a; **9**-319a; *see also* Cod.
Gadirtha, Syr.: *see* Deir.
Gadmen, Switz. [**24**-31 E3].
Gadoid fishes **17**-862b.
Gadok, Java **3**-198c.
Gadolin, John (sci.) **23**-913c; **5**-361b.
— (chem.) **18**-986b.
Gadolinite (min.) **18**-986b; *see also* Ytherbite.
GADOLINIUM (element) **9**-865a; **2**-650b; **5**-361b; **18**-986a.
Gadopsidae (fish) **9**-321b.
Gador, mts., Sp. [**24**-33 E4].
Gadow, Hans F. **18**-228c.
Gadrosia, dist., Bal. **3**-7c.
GADSDEN, JAMES 9-965a.
—, co., Fla. [**24**-115 D1].
GADSDEN, Ala. [**24**-118 D2]; **9**-965b.
—, Ariz. [**24**-149 A6].
—, S.C. [**24**-113 D3].
—, Tenn. [**24**-117 C2].
— Purchase **1**-405a; **17**-017c; citizenship **16**-153a; history **2**-363d.
— treaty (1867) **14**-872b.
Gads Hill, Mo. [**24**-141 G4].
Gadus (fish) **9**-319a; **5**-951b.
— aegelfinus: *see* Haddock.
— luscus: *see* Pout; Whiting pout.
— merlangus: *see* Whiting.
— morhua: *see* Cod.
— pollachius: *see* Pollack.
— virens: *see* Coal-fish.
GADWALL (duck) **9**-965c.
Gadzema, Rhod. [**24**-81 E1].
Gaede pump **22**-929a.
GAEKWAR (fam.) **9**-965c.
Gael Hamkes, bay, Green. [**24**-4 A13; **24**-295 I3].
Gaelic: *see also under* Irish, Scottish-Gaelic, and Manx.
— folklore **4**-678a.
— heroes **11**-509d.
— **LANGUAGE 9**-965c; **12**-637b; **14**-541d fol.; **20**-147a; *see also* Irish.
— League **11**-958a.
— **LITERATURE**: *see* Irish, Scottish literature.
Gaels (people, Ire.): *see* Goidil.
Gaergybi, Anglesey, Wales: *see* Holyhead.
Gaerwen, Wales [**24**-16 B1].
GAETA, It. [**24**-35 D4]; **9**-965c fol.; siege **9**-667c.
—, gulf, It. [**24**-35 D4]; **12**-756b.
— lemon **13**-907c.
GAETANI (CAETANI) (fam.) **9**-966a; **6**-40a.
—, Benedetto: *see* Boniface VIII.
— (polit. party) **19**-518a.
— di Sermoneta, duke **12**-814b.
Gaetano Juan (navig.) **6**-365c; **11**-271d.
Gaetanus (card.): *see* Cajetan.
Gaetsades, mt., Gr. **8**-791c.
Gaetuli: *see* Berbers.
GAETULIA, dist., Af. **9**-966b.
Gafets (people): *see* Cagots.
Gaffney, Pa. [**24**-106 D2].
GAFFNEY, S.C. [**24**-113 C1]; **9**-966b.
Gaffneys Creek, Vict., Austr. [**24**-171 H6].
Gaff sail **3**-449b.
Gaff Topsail, Nfd. [**24**-93 B2].
— -topsail (zool.) **1**-972d.
Gafgafiel, Sah. [**24**-78 F3].
Gafol (tax) **4**-166d fol.; **9**-445d; **23**-162d.
Gafolearth (feudal) **23**-162c.
Gafolgelda **4**-166d.
Gafos (people): *see* Cagots.
Gafsa, Tun. [**24**-78 F2].
Gág, Wanda Pl. III. fig. 9 **23**-WOOD CUTS AND WOOD ENGRAVING.
Gagaku (mus.) **12**-960b.
Gagas, Lycia (jet) **13**-28d.
GAGE, LYMAN JUDSON (fin.) **9**-966c.
—, **THOMAS** (gen.) **9**-966c; **15**-32a; **22**-783b.
—, co., Neb. [**24**-139 H4].
—, Mont. [**24**-144 D2].
—, N.Mex. [**24**-148 A6].
—, N.Y. [**24**-102 C3].
—, Okla. [**24**-143 D2].
—, S.Dak. [**24**-137 F1].
—, Tenn. [**24**-117 F2].
GAGE (pledge) **9**-966c.
— (symbol) **10**-438c.
— (tool) **22**-296b.
Gagea **14**-121b; **21**-381d.
Gageby, Tex. [**24**-122 D2].
Gagen, Wis. [**24**-132 D4].
GAGER, CHARLES STUART (bot.) **9**-966d; **3**-944c.
— le roi (feudal) **6**-780a.
—, William (writ.) **17**-436b.
Gagern, F. B. von **9**-967a.
—, **HANS C. E.**, baron von **9**-966d.
—, Heinrich, freiherr von **9**-967a; **10**-283a.
—, Maximilian, freiherr von **9**-967b.
Gagetown, Can. [**24**-88 C3].
Gagging Bills (Eng.) **5**-933a.
GAG LAWS (U.S.) **9**-967b; **23**-568d.
Gagnon, Ernest **4**-718c.
Gagry, Georgia, U.S.S.R. [**24**-59 J1].
Gaguan, Colom. [**24**-160 B2].
Gaguin, Robert **8**-677b.
Gaha, riv., Aby. **10**-513c.
GAHANBAR 9-967c.
Gahanna, O. [**24**-125 C3].
Gahets (people): *see* Cagots.
Gahn, J. G. (chem.) **5**-361a.
GAHNITE 9-967c; **21**-229c.
Gahtan, Beni, dist., Arab. [**24**-62 C3].
Gaia (myth.) **10**-849c; *see also* Ge.
Gaia, Fonte: *see* Fonte Gaia.
Gaiba, lake, Bol. **18**-43a.
Gaida (gen.) **19**-736c.
Gaidaro, isl., Gr. [**24**-55 E4].
Gaidaronisi, Gr. [**24**-54 D6].
Gaidon (chanson de geste) **5**-234d.
Gaidon (romance) **5**-255a.
Gaieochos: *see* Poseidon.
Gaieties and Gravities (H. Smith) **20**-830d.
Gaiety (theatre, London) **16**-21d.
— (theatre, Manchester) **7**-609a.
— Museum (theatre, Boston) **23**-13c.
— Opera Company **23**-13d.
Gaikas (tribe) **21**-56b.
Gaildorf, Ger. [**24**-38 E5].
Gailey, Eng. [**24**-16 D2].
GAILLAC, Fr. [**24**-26 E4]; **9**-967c.
Gaillard, Ga. [**24**-114 C4].
—, Auger (poet) **18**-641c.
— Cut Pl. fig. 2 **17**-PANAMA CANAL: *see* Culebra.
Gaillarde (type) **3**-969a.
Gaillon, Fr. [**24**-24 G2].
—, Fr. **8**-820d.
Gail Thal, val., Aus. [**24**-50 C3].
Gaiman, Arg. [**24**-165 C5].
Gaimar, Geoffrey **1**-945c.
Gainas (gen.) **2**-231b.
GAINE (arch.) **9**-967c; **7**-533d.
Gaines, E. P. **9**-967d fol.
—, co., Tex. [**24**-122 C3].
—, N.Y. [**24**-102 B2].
—, Pa. [**24**-107 D2].
Gaines, ft., Ala. **15**-628; il. **15**-628c.
Gainesboro, Tenn. [**24**-117 F1].
—, Va. [**24**-110 F1].
Gaines's Mill, Va. **18**-251d; **1**-759.
Gainesville, Ala. [**24**-118 A3].
—, Ark. [**24**-120 E1].
GAINESVILLE, Fla. **9**-967d.
GAINESVILLE, Ga. [**24**-114 C2]; **9**-967d.
GAINESVILLE, Tex. [**24**-123 F3]; **9**-967d.
Gainford, Joseph A. Pease, lord **17**-427c.
—, Dur., Eng. [**24**-13 C3].
GAINSBOROUGH, THOMAS (paint.) **9**-968a; **17**-53d; **8**-750c; **13**-671d; **18**-267b; **19**-243c; Pl. I. fig. 5 **6**-CRAYON; Pl. IX. fig. 3 **17**-PAINTING; Pl. fig. 6 **17**-PENCIL DRAWING; Pl. II. fig. 9 **18**-PORTRAIT PAINTING.
GAINSBOROUGH, Lincs., Eng. [**24**-14 C2]; **9**-968d; **6**-248b.
Gainsville, Fla. [**24**-115 F2].
—, Mo. [**24**-140 E5].
Gainza, Arg. [**24**-165 D3].
Gaiole: *see* Gaol.
GAIRDNER, JAMES (hist.) **9**-969a; **17**-360a.
GAIRDNER, lake, S.Aus. [**24**-170 B3; **24**-196 C3]; *see also* Austr.
Gairloch, Scot. [**24**-18 C4].
GAIRLOCH, bay, Scot. [**24**-18 C4]; **9**-969b.
Gais, Switz. [**24**-31 G2].
GAISERIC (GENSERIC) (k.) **9**-969b; **4**-822d; **19**-508a; **20**-

608d; **22**-971b fol.; **1**-331c; **4**-947c.
Gaisgill, Westm., Eng. [**24**-13 B3].
Gaithersburg, Md. [**24**-108 B1].
GAIUS (jurist) **9**-969c; **19**-450a.
GAIUS (Caesar): *see* Caligula.
Gaius A. V. Diocletianus (emp.): *see* Diocletian.
— Antonius (brother of the triumvir): *see* Antonius, Gaius.
— Antonius (uncle of the triumvir): *see* Antonius, Gaius (Hybrida).
GAIUS (pope): *see* Caius.
— Flaminius (gen.) **11**-155a.
— Petronius (prefect): *see* Petronius.
— Rasinius P. (Rom. potter) **18**-345b.
Gaj, Ljudevit (writ.) **20**-357c.
Gajburu, mt., India: *see* Gangabari.
gal. (abbrev.) **1**-24c.
Gala, Va. [**24**-110 E3].
—, riv., Scot. [**24**-19 F6].
Galabat, Sud.: *see* Gallabat.
Galacci (people) **9**-977a.
Galactic nebulae **16**-185c.
— Plane **9**-973b.
Galactic system (astron.) **6**-490b; **21**-318a fol.
Galactocele (path.) **14**-756a.
Galactose (chem.) **4**-832a.
Galag, Pers. [**24**-63 D3].
Galaginidae **18**-486c.
GALAGO **9**-969d; **18**-486c.
Gala grits (geol.) **20**-680c.
Galahad (Arthurian) **10**-603c.
Galalyte **18**-611c.
Galan, Fr. [**24**-26 D4].
Galanan, Parag. [**24**-165 E1].
GALANGAL (drug) **9**-970a.
Galangin (chem.) **2**-27b.
Galanteries (mus.) **21**-534b.
Galanthus nivalis (bot.): *see* Snowdrop.
Galantines (food) **15**-147d.
Galápago (tortoise) **9**-970b.
GALÁPAGOS, isls., Pac.O. [**24**-175 H3]; **9**-970a; **19**-358c; **17**-5d.
GALASHIELS, Selkirkshire, Scot. [**24**-12 B2]; **9**-970d.
Galata, Turk. **6**-307d.
Galatae (people): *see* Galacci.
Galatea, Colo. [**24**-147 G3].
—, O. [**24**-124 B2].
— (myth.) **1**-125d.
— (fabric) **6**-551c.
"Galatea" (ship) **13**-221a.
"Galatea" (yacht) **23**-870a.
Galatea (Cervantes) **5**-162c; **21**-157b; **16**-577a.
Galateo, Il (Della Casa) **7**-169c.
Galates (people): *see* Gauls.
Galathea squamosa (zool.) fig. 12 **20**-631.
Galati, Rum.: *see* Galatz.
GALATIA, king., Asia M. **9**-970d; **9**-972b; *see* Phrygia.
—, prov., Rom. Emp. **9**-971b; map **19**-501 (J4); **23**-106d; churches **9**-971c; Deiotarus **7**-144a; Hellenism **11**-406d.
—, Kan. [**24**-142 D3].
GALATIANS, EPISTLE TO the **9**-971c; **3**-529a.
Galaticus, Rom. Emp. map **19**-501 (K3).
Galatone, It. [**24**-35 F4].
GALATZ, Rum. [**24**-53 D3]; **9**-973a; air lines map **1**-463; **7**-44d.
Galavanas-Tseferi, mt., U.S.S.R. **5**-56c.
Gala Water, riv., Scot. **20**-311c.
Galaxea cespitosa Pl. fig. 3 **2**-ANTHOZOA.
Galaxias attenuatus **9**-314b.
Galaxidi, Gr. [**24**-54 C3].
Galaxiidae **9**-313d fol.
Galaxius (myth.): *see* Daphnephoria.
GALAXY (astron.) **9**-973b: *see also* Milky Way; Galactic system.
GALBA, SERVIUS SULPICIUS **9**-973b.
Galbaio, Giovanni (doge) **23**-61b.
GALBANUM **9**-973c.
Galbraith, J. J. (sci.) **1**-966c.
GALBULIDAE: *see* Jacamar.
Galchutt, N. Dak. [**24**-136 H3].
Galdan (khan) **15**-719a.
— (monastery, Tib.) **13**-991a.
Ga-ldan-pa (Tib. sect): *see* Ge-lug-pa.
Galdhopiggen, mt., Nor. [**24**-43 D6; **24**-178 G3]; **16**-544b.
Galdós, Pérez (au.) 7-594b.
Galdr (lit.) **12**-49a.
Gale, George W. **9**-975d.
—, H. (psych.) **1**-204c.
—, L. D. (inv.) **21**-882b.
—, Mrs. Lyman **14**-223c.
—, Pierre **12**-367d
—, Theophilus **4**-650c.
—, **ZONA** **9**-973c.
—, Ill. [**24**-129 C6].
—, Miss. [**24**-119 C1].
— (bot.) **9**-973d: *see also* Sweet Gale.
— (rent) **9**-973d; **5**-893b.
GALE (wind) **9**-973c.
Galea (zool.) **12**-407b; **13**-946c.
Galeana, Mex. [**24**-158 E3].
Galeated curassow **6**-872b.
Galeazzo I. (Visconti, of Milan) **23**-193b.
— II. **23**-193c.
Galecynus (fossil) **4**-901a.
Galega (bot.): *see* Goat's-rue.
Galela, Mal. Arch. **11**-110a.
Gal el Batn, region, Arab. [**24**-62 C1].
Galemys **12**-403a.
— pyrenaicus **12**-403a.
GALEN **9**-973d; **15**-200a; **7**-976c; blood circulation **11**-236d fol.; dreams **7**-641a; generation **11**-237d; gymnasium **11**-20b fol.; gynaecology **11**-35a; Linacre **14**-136d; psych. **18**-708d.
— (Soviet gen.) **5**-446b.
—, veins of **23**-29b.
Galena, B.C., Can. [**24**-92 F4].
GALENA, Ill. [**24**-128 B1]; **9**-974d.
GALENA, Kan. [**24**-142 H4]; **9**-975a.
—, Md. [**24**-109 D1].
—, Mo. [**24**-140 D5].
—, Okla. [**24**-143 E2].
—, Oreg. [**24**-151 G3].
—, S. Dak. [**24**-137 A2].
—, mt., Ida. [**24**-145 D6].
—, hills, Can. **23**-925c.
GALENA (min.) **9**-975a; **13**-818a fol.; Egy. **8**-54c; gold **10**-480a; molybdenum **15**-683a; silver **15**-525b; **20**-684b.
— formation (geol.) **22**-724d.
Galenaia (myth.): *see* Aphrodite.
Galenstock, mt., Switz. [**24**-31 E3].
Galeocerdo tigrinus: *see* Tiger shark.
Galeodes (zool.) **2**-206d.
— luscasii **21**-807c.
Galeodidae (zool.) **2**-206d.
Galeoidea **20**-293b.
GALEOPITHECUS and Galeopterus (name of two species of flying lemurs) **9**-975b; **2**-517d.
Galeopteridae (zool.) **9**-975b.
GALEOPTERUS: *see* Galeopithecus.
— temminchii **9**-975c.
Galeota, pt., W.I. [**24**-157 F4].
Galera, pt., Ec. [**24**-190 A2].
—, pt., W.I. [**24**-157 F4].
Galeras, mts., Ec. **1**-903d.
Galeria (tribe) **13**-758a.
Galerie des Glaces (Versailles, Fr.): *see* Mirrors, Hall of.
Galérien **9**-984a.
Galéries Lafayette (Paris) Pl. II. fig. 2 **20**-SHOP FRONT DESIGN.
Galerita cristato: *see* Crested lark.
GALERIUS (GALERIUS Valerius Maximianus) (emp.) **9**-975c; **8**-77d; Constantine I. **6**-297d fol.; Diocletian **19**-506a.
Galerus (dress) **23**-592a.
Galesauridae (reptile) **14**-976c.
GALESBURG, Ill. [**24**-128 B3]; **9**-975d.
—, Mich. [**24**-131 F7].
—, N. Dak. [**24**-136 G2].
Gales Ferry, Conn. [**24**-101 D2].
Galestown, Md. [**24**-109 D2].
Galesville, Wis. [**24**-133 B5].
Galeton, Pa. [**24**-107 D2].
Galeus (fish): *see* Tope.
Galewood, Mo. [**24**-141 F5].
Gale Yakă (myth.) **7**-21d.
GALGACUS (chief) **9**-976a.
Galgamishul (myth.): *see* Gilgamesh.
Galgate, Lancs., Eng. [**24**-13 B4].
GALIANI, FERDINANDO **9**-976a.
—, Francesco (au.) **12**-745a.
Galiano, J. Valera y Alcalá (au.): *see* Valera y Alcalá.
Galibier, Fr. [**24**-27 K2].
Galice, Oreg. [**24**-151 B5].
Galice, U.S.S.R. [**24**-48 F3].
Galich, lake, U.S.S.R. [**24**-48 F3].
GALICIA, dist., Pol. **9**-976a, **18**-147a fol.; Béla III. **11**-904c; Dunajee-San **7**-734b; forts **9**-534a, lang. **19**-751b; Russ. **19**-713d; Uniate Church **19**-408d.
GALICIA, prov., Sp. **9**-977a; **21**-127a; **21**-115a; wine **23**-654c.
— East, terr., Eur. **17**-300b.
Galician (lang.) **18**-290c.
— Portuguese (dialect) **21**-152d.
Galictis vittata: *see* Grison.
Galidia (zool.) **4**-898c.
Galidictinae: *see* Madagascar mongoose.
Galidictis **4**-898c.
Galieae (bot.) **14**-607c.
Galien, Colo. [**24**-147 G1].
—, Mich. [**24**-131 E8].
Galigai, Leonara: *see* Dori, Leonora.
GALIGNANI, GIOVANNI A. **9**-977b.
— Institute (Fr.) **16**-256a.
Galignani's Messenger (news.) **16**-351b.
Galilean, mts., Pal. **17**-119c.
— base (phys.) **15**-853d.
— satellites **13**-190d fol.
— telescope **21**-905b fol.
GALILEE, dist., Pal. **9**-977c; **13**-26a; upper **17**-119c.
Galilee, Pa. [**24**-107 F2].
—, lake, Queens., Austr. [**24**-169 C3].
GALILEE (arch.) **9**-978c; **18**-240d.
—, Lower, dist., Pal. **17**-119c.
—, **SEA OF**, Pal. [**24**-60 D2]; **9**-978c.
— skull **15**-939a.
Galilei, Vincenzo **17**-895a; **23**-938a.
GALILEO GALILEI **9**-979b; **2**-585a; **20**-117b; **15**-192d; Descartes **7**-245c fol.; dynamics **20**-118d; Jupiter **16**-671a; lit. **12**-744c; logic **14**-323b; **20**-132b; microscope **3**-612b; Milton **15**-508c; motion **15**-583b; Saturn **20**-8b; telescope **21**-905a; thermoscope **11**-313d; Torricelli **22**-305c; Urban VIII. **22**-892d.
Galin, Pierre **5**-443a; **6**-899d.
Galindae (clan) **14**-218b.
Galingale: *see* Galangal.
GALION, O. [**24**-124 C3]; **9**-981b.
Galita, isls., Medit. [**24**-78 F1].
Galitzin, N.D., prince **19**-728c.
— seismograph **20**-289d.
GALIUM (bot.) **9**-981b; **19**-614b.
— aparine: *see* Cleavers.
— boreale: *see* Bedstraw.
— californicum: *see* California bedstraw.
— circaezans: *see* Licorice, wild.
— cruciatum: *see* Crosswort.
— Mollugo (bot.): *see* Baby's-breath.
— trifidum **3**-302a.
— triflorum: *see* Bedstraw.
— verum: *see* Lady's bedstraw.
Galiuro, mts., Ariz. [**24**-149 E6].
Galivants Ferry, S.C. [**24**-113 E2].
Galkŏwek, dist., Pol. **14**-297c.
—, St. **15**-595c; **19**-830b.
GALL, FRANZ JOSEPH (sci.) **9**-981b; **18**-711a; criminology **6**-720b; phren. **17**-849c.
—, James **6**-205c.
—, James **3**-721d.
—, N.Dak. [**24**-136 C3].
GALL (bile) **9**-981b.
— (sore) **9**-981c; bot. **10**-919c; **12**-11d; **18**-34d.
Galla (people): *see* Gallas.
—, highlands, Somlnd. **20**-965b.
GALLABAT, Sud. [**24**-79 D5]; **9**-981c; battles (1885-89) **8**-104b fol.; **1**-77a; Johannes **15**-247d.
Gallaecia, prov., Sp.: *see* Galicia.
Gallaecus, Decimus Junius Brutus: *see* Brutus, D. J.
Gallagher, David (footballer) **9**-476b.
—, Ill. [**24**-129 D5].
Galla graves (archae.) **20**-966b.
Gallaici (people): *see* Galacci.
GALLAIT, LOUIS **9**-981c; **17**-52b.
Gallala, Tun. **12**-1004c.
Galla-land. dist., Aby. **9**-982b; map **1**-71.
Gallalith **12**-836d.
Gallamine blue (dye) **7**-802a.
GALLAND, ANTOINE **9**-981c.
—, Ia. [**24**-138 F4].
Gallant Green, Md. [**24**-109 C2].
Galla oxen: *see* Sanga oxen.
— Placidia mausoleum **23**-18a.
GALLARATE, It. [**24**-34 B2]; **9**-981d.
Gallardon, Fr. [**24**-24 G3].
GALLAS, MATTHIAS, count of Campo, duke of Lucera **9**-981d; **22**-139a; **22**-584b.
GALLAS (people) **9**-982a; **20**-965d; **11**-130b; age-grade **1**-344d; Legas **13**-875d; nomads **16**-482a fol.
Galla stone (of Arussi) Pl. II. fig. 6 **1**-ABYSSINIA.
GALLATIN, ALBERT **9**-982c; **19**-673d; **20**-833c.
—, co., Ky. [**24**-116 F2].
—, co., Mont. [**24**-144 C3]; natl. forest **23**-884a.
—, Ill. [**24**-129 D6].
—, Mo. [**24**-140 D2].
—, Tenn. [**24**-117 E1].
—, riv., Mont. **15**-614d.
— Gateway, Mont. [**24**-144 C3].
Gallaudet, Edward H. **7**-103b.
—, Edward M. (educ.) **9**-983d.
—, **THOMAS HOPKINS** **9**-983c; **7**-102d.
—, T. W. **11**-226b.
— College (Washington, D. C.) **7**-103d; **23**-394b.
Gallaway, Tenn. [**24**-117 B2].
"Gallay" (violoncello) **21**-446d.
Gall bladder **7**-380b; **14**-229b; **9**-981c; pig Pl. fig. 6 **17**-PARASITIC DISEASES.
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Galleass (ship) il. **9**-984.
Gallego, mt., C. Verd. Is. **4**-792b.
—, riv., Sp. [**24**-33 F1]; **7**-882c.
— (lang.): *see* Galician.
Gallegos, Arg. [**24**-165 C7].
—, N.Mex. [**24**-148 F3].
—, riv., Arg. [**24**-165 B7]; **17**-364d.
Gallehus inscription **19**-661c.
Gallein (dye) **7**-804c.
GALLEN-KALLELA, AKSELI V. **9**-983d.
GALLEON (ship) **9**-983d; **20**-562d.
Galleria di Minerva (period.) **17**-516b.
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— Vittorio Emanuel II. (Milan) Pl. II. fig. 6 **15**-MODERN ARCHITECTURE.
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Gallery **22**-560b.
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Galletti, A. **12**-749a.
Galley (print.) **18**-502c; **9**-984b.
— (ship) **9**-984a; **3**-762c; **20**-542a; **16**-176a; armour **20**-507c; Fr. **5**-987a.
— Head (light house, Ire.) [**24**-21 C5].
— Hill Man **14**-766b.
— method (arith.) **2**-357d.
Gallèze, Englebert **4**-718a.
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Gall-gnat **9**-988b.
Galli, G. Maria (paint.) **3**-498d.
—, Jacopo **15**-410d.
— (myth.) **10**-733b.
Gallia, prov., Rom. Emp.: *see* Gaul.
—, co., O. [**24**-125 C5].
—, O. [**24**-125 C5].
— (Transpadana), It. **14**-344c.
— Belgica, prov., Eur.: *see* Belgium.
— Bracata, prov., Gaul: *see* Gallia Narbonensis.
— **CISALPINA**, dist., It. **9**-984b; **10**-74c; **4**-589b.
Gallia Citerior, dist., It.: *see* Gallia Cisalpina.
— Comata, prov., Gaul **10**-75a, **3**-340d: *see* New Gaul.
— Narbonensis, prov., Rom. emp. **4**-847d; **10**-74c fol.
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GALLIARD (mus.) **9**-984b.
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Gallic (dialect) **12**-788a.
GALLIC ACID **9**-984c.
GALLICANISM **9**-984c; Breviary **4**-99a; church **1**-127b; **9**-630c; **19**-415a.
Gallican Liberties **12**-372d; **17**-217b.
— liturgy **14**-226c.
— psalter **4**-99a.
Gallicanus Vulcacius **2**-681b.
GALLI-CURCI, AMELITA **9**-984d.
Gallic Wars **4**-522c; **4**-525b.
Gallien, Palais (Bordeaux) **3**-895d.
GALLIENI, JOSEPH SIMON (gen.) **9**-985a; **14**-606b; **14**-929a; **16**-437d.
GALLIENUS, PUBLIUS LICINIUS EGNATIUS (emp.) **9**-985d; **4**-493d; **8**-77d; **16**-623b; **16**-701c; **19**-505c.
GALLIERA, MARIE, DUCHESS of **9**-985d.
—, Rafael Ferrari, duke of **9**-985d.
GALLIFFET, GASTON ALEXANDRE AUGUSTE, Marquis de **9**-985d; **20**-269d.
GALLIFORMES **9**-986a.
Galligan, Claire **21**-668b.
Gallina, Giacinto (dram.) **12**-747d.
—, N.Mex. [**24**-148 C2].
—, mts., N.Mex. [**24**-148 B4].
—, mts., Sp. [**24**-32 D4].
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—, cape, Colom. [**24**-162 C1].
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— galeata **15**-786c; *see also* Florida gallinule.
— nesiotis **15**-786c.
GALLINULE (zool.) **9**-986a.
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—, Wyo. [**24**-146 H4].
Gallion, Ala. [**24**-118 B3].
—, La. [**24**-121 C1].
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— memorial **23**-346c.
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GALLITZEN, DEMETRIUS AUGUSTINE (priest) **9**-986d.
—, Dimitri Alexeievich (states.) **9**-986d.
GALLIUM **9**-987a; **2**-650b; **5**-361d; **8**-348b.
Gällivare, Swed. [**24**-42 K3].
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—, Elijah (inv.) **14**-165d.
—, **JOSEPH** (law.) **9**-987c.
—, W. **5**-889c.
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—, Wis. [**24**-133 D5].
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—, S Dak. (Hardin co.) [24-137 A1].
—, S.Dak. (Spink co.) [24-137 F1].
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—, **CORNELIUS** (poet) 9-990a; 8-77b; 8-344a; 13-750a.
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—, Gaius Aelius (pref.) 8-77c.
—, **GAIUS SULPICIUS** (gen.) 9-990a.
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—, **JOHN** (nov.) 9-991a.
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—, Ia. [24-138 D2].
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—, Nev. [24-153 F6].
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—, Council of 1-338b; 5-227c.
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GANJAM, India [24-66 B3]; 10-17b; 10-321d.
Ganju-san, mt., Jap. 12-894d.
Ganku (art.) 12-964d.
Ganmon, Wales [24-16 B1].
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Ganneau, Clermont 10-320d.
GANNET (zool.) 10-17c.
Gannett, Frank E., (publ.) 16-358d.
—, Ida. [24-145 D6].
— Peak, mt., Wyo. 23-826d.
Ganmim, En-, Pal.: *see* Jenîm.
Ganntown, Ill. [24-129 D6].
Gannvalley, S. Dak. [24-137 F2].
Gano, Wis. [24-133 E7].
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—, R. (sci.) 14-660c.
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Gantang (measure) 15-139d.
Gantheaume, cape, W. Aus., Austr. [24-168 C2; 24-192 B1; 24-170 C6].
Ganto, Fr.W.Af. [24-80 D2].
Gantry 8-310b; 20-42b; cranes 4-79c.
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Gants Mill, Kan. [24-142 D4].

Gantt, Henry Laurence (engin.) **20**-124c.
Gantt, Ala. [**24**-118 C4].
— chart (indus.) **20**-124d.
Ganymeda (myth.): *see* Hebe.
Ganymede (astron.) **8**-695d, **13**-190d fol., **15**-576b.
GANYMEDE (myth.) **10**-18a, **22**-503d; *see also* Aquarius (constellation).
"Ganymede" (Michelangelo) **15**-414c.
Ganypus littoralis (zool.) **3**-882c.
GAO, Sud., Af. [**24**-80 E2]; **10**-18b; **7**-417b.
GAOL (JAIL) **10**-18c.
— delivery (law) **2**-560d.
GAON (rabbi) **10**-18c; **8**-967d.
— Elijah of Wilna: *see* Elijah Wilna.
Gap, Ala. [**24**-118 D2].
GAP, Fr. [**24**-27 K3]; **10**-18d; **11**-257a.
—, N.C. [**24**-112 E1].
—, Tex. [**24**-123 E2].
—, rock, Mal. Arch. [**24**-72 C3].
GAPAN, P.I. [**24**-73 B2]; **10**-19a.
Gapean, riv., Fr. [**24**-27 J4].
Gaper (zool.) **5**-752b.
Gapes (disease) **16**-208d; **23**-116a.
Gapes-worm **17**-273c.
GAPON, GEORGII (rev.) **10**-19a; **19**-724d.
Gapone (agent of Okhrana) **8**-713a.
Gapper: *see* Thinner.
Gapsville, Pa. [**24**-106 C4].
G. A. Q. (beef industry) **3**-306d.
G.A.R. (abbrev.) **1**-24c.
Gara, Egy. [**24**-79 B2].
—, lake, Ire. [**24**-20 B3].
—, riv., N.S.W. **2**-385c.
Garachine, Pan. [**24**-158 J6].
Garadice, lake, Ire. **13**-898d.
Garafiri, Nig. [**24**-80 E3].
GARAG: *see* Gadag.
Garage (arch.) **11**-821d.
Garah, N.S.W., Austr. [**24**-171 J2].
Garake, N.Dak. [**24**-136 F1].
Garama (Fezzan, Africa) **21**-865d.
Garamantes (people) **9**-211d; **10**-321b; **21**-865d.
Garamond (typography) **18**-509c.
GARANA: *see* Guarana.
Garanbi, cape, For. [**24**-75 B12].
Garance (bot.) **14**-607c.
Garanhuns, Braz. [**24**-164 C2]; **17**-538d.
GARARISH (African tribe) **10**-19b.
Gararu, Braz. [**24**-164 C2].
Garas, It.Somlnd. [**24**-83 H2].
GARASHANIN, ILIYA (Serb. states.) **10**-19b; **20**-344b.
—, Nilutin (states.) **10**-19c.
GARAT, DOMINIQUE JOseph (writ.) **10**-19c.
—, **PIERRE-JEAN** (singer) **10**-19d.
GARAY, JANOS (writ.) **10**-19d.
—, Juan de (expl.) **4**-341a; **2**-327b.
Garbage **19**-61d: *see also* Refuse.
— destructor (incinerator) il. **19**-62b.
— disposal: *see* Refuse disposal.
— dump, N.Y.C. il. **19**-61a.
Garbai (sult.) **3**-917a.
Garbally, castle, Ire. **2**-999d.
Garber, Ill. [**24**-128 D3].
—, Mo. [**24**-140 D5].
—, Okla. [**24**-143 F2].
Garberville, Calif. [**24**-154 B2].
GARBLE **10**-20a.
Garbler (offl.) **10**-20a.
Garbo, Greta (act.) in "Love" Pl. IX. fig. 1 **15**-MOTION PICTURES.
Garb-Ojaklari: *see* Barbary states.
Garboldisham, Eng. [**24**-14 D3].
GARBORG, ARNE EVENSEN (writ.) **10**-20a; **16**-561a.
Garbure (soup) **21**-38c.
GARCAO, PEDRO ANTONIO Joaquim Correa: *see* Correa Garção, Pedro Antonio Joaquim.
Garcelon, Alonzo (pol.) **14**-690d fol.
Garcia, Sancho (k.) **16**-172a.
—, Calixto **6**-840c.
—, Carlos (writ.) **17**-906b.
—, Lizardo (pres.) **7**-944a.
—, Manuel R. (au.) **21**-150b.
—, Marie Félicité (singer): *see* Malibran.
Garcia, Tex. [**24**-123 E6].
— Blanco, José Antonio **7**-280a.
— **DE LA HUERTA**, Vicente Antonio (dram.) **10**-20c.
— **(DEL POPOLO VICENto)**, Manoel (mus.) **10**-20b; **10**-20b; **14**-148c.
— **DE PAREDES, DIEGO** (sol.) **10**-20c.
— Gutiérrez, Antonio (au.) **21**-159b.
— Hernandez, Sp. **13**-878c.
Garcilaso, Sebastiano **23**-24b.
— de la Vega: *see* Vega.
Garcinia cola: *see* Bitter kola.
— Hanburii **9**-998d.
— Mangostana: *see* Mangosteen.
Gar Creek, Ind. [**24**-126 D1].
Gard, Roger M. du **9**-800c.
—, Pont du (aqueduct, Fr.) **2**-161c; **16**-460c.
GARD, dept., Fr. [**24**-23 F4]; **10**-20c; **9**-585a; **23**-653d.
—, Neb. [**24**-139 D2].
—, riv., Fr. [**24**-27 H4]; **5**-176d.
Garda, U.S.S.R.: *see* Novgorod.
GARDA, lake, It. [**24**-34 C2; **24**-186 F4]; **10**-21a.
Gardanne, Fr. [**24**-27 J4].
Gardar, Green. **10**-861b.
—, N.Dak. [**24**-136 G1].
Garda Siochana **12**-636d.
Garde, T. V. **2**-298b.
Gardeau, Pa. [**24**-106 C2].
Garde du vin: *see* Cellaret.
GARDELEGEN, Ger. [**24**-39 G1]; **10**-21b.
Garde Mobile (Fr) **9**-681a.
GARDEN, MARY **10**-21b.
—, co., Neb. [**24**-139 B3].
—, Mich. [**24**-130 E4].
—, isl., Mich. [**24**-130 F4].
—, isl., W.Aus. [**24**-168 B5].
GARDEN **10**-21b; design **13**-661a fol.; elec. in **8**-164a; formal **20**-206a; Japanese **12**-955d; Pls. I., II. figs. 2-5 **12**-JAPANESE GARDENS; most northern **10**-859d: *see also* Horticulture.
Garden (tomb, Pal.) Pl. II. fig. 3 **17**-PALESTINE.
"Garden, The" (Manet) **14**-796a.
Gardena, Ida. [**24**-145 B6].
—, N.Dak. [**24**-136 D1].
Gardenal **3**-100c.
Garden apartments Pl. 2 fig. 3 **20**-SOCIAL ARCHITECTURE.
— asparagus **2**-547b.
Garde Nationale (Fr.) **9**-681a; mobile **9**-775c.
Garden-beet: *see* Beet.
— calendar (U.S.) **11**-778c.
— -chafer (beetle) **5**-187d.
— **CITIES** **10**-21c.
— City, Ia. [**24**-138 D2].
— City, Ind. [**24**-126 B1].
— City, Kan. [**24**-142 B4].
— City, Mo. [**24**-140 C3].
— City, S.Dak. [**24**-137 G2].
— City, Tex. [**24**-122 D4].
— City, Utah [**24**-152 C1].
Garden City (nick.) **5**-450b.
Garden Club (Eng.) **5**-860c.
— cress **6**-767c.
Gardendale, Tex. [**24**-123 E5].
Garden-dormouse (animal) **7**-541d.
— Grove, Ia. [**24**-138 D4].
— -hose: *see* Hose-pipe.
GARDENIA **10**-22c; perfume **17**-506d.
— florida· *see* Cape-jasmine.
— radicans **10**-22d.
GARDENING: *see* Horticulture.
Garden of Allah, The (Hichens) **11**-541b.
Garden of Cyprus, The (Browne) **4**-269c.
Garden of Dahomey: *see* Whydah.
— of Eden (bibl.): *see* Eden.
"Garden of Love" (Rubens) **19**-613c.
Garden of the Gods, Colo. **6**-42c; Pl. I. figs. 1, 4 **6**-COLORADO; **6**-50d.
Garden of Truth (Sanā'ī) **19**-927d.
— park, Colo., United States **4**-755b.
Garden Party, The (Mansfield) **14**-825a.
Garden pattern (carpet) fig. 9 **19**-622.
— pea fig. 59 **9**-412.
— Plain, Kan. [**24**-142 E4].
— Prairie, Ill. [**24**-128 D1].
— school of philosophy: *see* Epicureanism.
Gardens, cottage (land): *see* Cottage gardens.
Gardens, Japanese: *see* Japanese gardens.
Garden snails fig. 1 **10**-58.
Garden State, The: *see* New Jersey.
— suburbs **10**-21c.
— syringa **21**-725a.
— thyme **22**-173d.
— Valley, Ida. [**24**-145 C5].
Gardenville, N.Y. [**24**-102 B3].
Garden warbler: *see* Beccafico.
— white butterfly **13**-952b.
Garderoba: *see* Wardrobes.
Garde Royale **10**-938b.
Gardes du corps (Fr.) **10**-937d.
— françaises **10**-938a.
Gardie, Jacob de la **5**-281d.
—, Magnus G. de la **21**-646a.
Gardinas, prov., Lith. **14**-213c.
Gardinas, former govt., Russ.: *see* Grodno.
Gardiner, Alan (Egyptologist) **1**-680b.
—, Allen F. **16**-129c.
—, C. J., earl of Blessington: *see* Blessington.
—, Lady Harriet **3**-718c.
—, **JAMES** **10**-22d.
—, Sir James W. S. **12**-997c.
—, **SAMUEL RAWSON** (hist.) **10**-22d.
—, **STEPHEN** (bp.) **10**-23a; and Henry VIII. **8**-514c.
—, isl., Haw. **11**-264d.
—, Me. [**24**-96 C4].
—, Mont. [**24**-144 C3].
—, N.Mex. [**24**-148 E2].
—, N.Y. [**24**-102 F4].
—, Oreg. [**24**-151 A4].
Gardiners, bay, N.Y. [**24**-102 H4].
—, isl., N.Y. [**24**-102 H4]; **7**-869a.
Gardner, Alan **22**-970a.
—, Daniel (paint.) **17**-358c.
—, Ernest A. **10**-24a.
—, E. W. (sportsman) **3**-570b.
—, **PERCY** (archae.) **10**-24a.
—, Percy (writ.) **15**-638a.
—, Robert A. **10**-506b.
—, Robert W. **17**-344c.
—, Thomas **10**-24b.
—, Colo. [**24**-147 E4].
—, Fla. [**24**-115 G4].
—, Ill. [**24**-128 D2].
—, Kan. [**24**-142 H3].
GARDNER, Mass. [**24**-98 C1]; **10**-24a.
—, N.Dak. [**24**-136 G2].
—, S Dak. [**24**-137 G2].
—, W.Va. [**24**-111 B4].
—, canal, Can. [**24**-92 C4].
—, isl., Pac.O. [**24**-174 E4].
— gun **20**-806b.
— Museum (Boston, Mass.) **3**-938d.
— paraffin engine **12**-503a.
Gardners, Pa. [**24**-107 D4].
—, lake, Conn. [**24**-101 D1].
—, lake, Me. [**24**-96 E4].
— Trust (Brit.) **3**-725a.
Gardnerville, Nev. [**24**-153 A4].
Gardon, riv., Fr. [**24**-27 H3]; **1**-556c.
Gárdonyi, Géza **11**-897b.
Gardoqui, Diego de **16**-314b.
Gardula, Aby. [**24**-83 G1]; map **1**-71.
Gardždai, Lith. [**24**-47 A3].
GAREFOWL **10**-24b; **19**-3b.
Garelochhead, Scot. [**24**-19 D5].
Garenne, wood, Fr. **20**-269c.
Garet, mt., N.Af. **15**-812c.
Gareth and Lynette (Tennyson) **21**-940d.
Garfield, Harry A. **22**-838b.
—, **JAMES ABRAM** (Am. pres.) **10**-24b; portrait Pl. VIII. fig. 20 **22**-UNITED STATES; J. G. Blaine **3**-691c; McKinley **14**-590c; memorial **5**-807c; spoils system **5**-748a; memorial (Saint-Gaudens) **19**-830d.
—, James R. **21**-753b.
—, Lucretia Rudolph **10**-25b.
—, co., Colo. [**24**-147 B2].
—, co., Mont. [**24**-144 E2].
—, co., Neb. [**24**-139 E3].
—, co., Okla. [**24**-143 F2].
—, co., Utah [**24**-152 C5].
—, co., Wash. [**24**-150 H4].
—, Colo. [**24**-147 D3].
—, D.C. [**24**-108].
—, Ga. [**24**-114 D4].
—, Ill. [**24**-128 D3].
—, Kan. [**24**-142 C3].
—, Ky. [**24**-116 D3].
GARFIELD, N.J. [**24**-105 B2]; **10**-25b.
—, N.Mex. [**24**-148 B6].
—, N.Y. [**24**-103 G3].
Garfield, Utah [**24**-152 B2].
—, Wash. [**24**-150 H3].
—, coast, Grinnell Land map **2**-295 (C1).
—, park, D.C. [**24**-108].
—, region, N.Am. map **2**-295 (D1).
— Park (Chicago) **5**-450c.
GAR-FISH **10**-25b; **10**-32a; **9**-317d; eggs **8**-27d.
Garforth, Yorks., Eng. [**24**-14 B2].
Gargahu, Braz. [**24**-164 B5].
Gargaliani, Gr. [**24**-54 B4].
Gargan, mt., Fr. [**24**-26 E2].
GARGANEY (duck) **10**-25c.
GARGANO, MONTE, penin., It. [**24**-34 E4]; **10**-25c; pilgrimage **17**-927d.
Garganta do Diabo, Ang. [**24**-82 B6].
Gargantua (Rabelais) **18**-862a.
Garganus Mons, penin., It.: *see* Gargano, Monte.
Gargara, Asia M. **22**-502b.
Gargareans (tribe) **1**-737a.
Gargarus, mt., Asia M. **22**-502c.
Gargasian strata (geol.) **6**-673b.
Garget: *see* Mammitis.
Gargilius Martialis: *see* Martialis.
Gargnano, It. **10**-21b.
GARGOYLE **10**-25c; Notre-Dame, Paris il. **17**-289.
Gargrave, Yorks., Eng. [**24**-13 B4].
Gar Gunsa, Tib. [**24**-65 E2].
GARHWAL, dist., India [**24**-65 D2]; **10**-25d.
Garhwālī (lang.) **17**-29d.
Garia (martyr) **7**-952d.
Garia, bay, Nfd. [**24**-93 A3].
Gariannonum, Burgh Castle, Suff., Eng. map **4**-160.
Garib. mt., Egy. [**24**-79 C2].
GARIBALDI, GIUSEPPE (1807-1882, It. patriot) **10**-26a; **12**-805b; **12**-752a; Cavour **5**-77d fol.; Depretis **7**-231a; Fabrici **9**-24c; Fanti **9**-69c; Francis II. **9**-667c; Nicotera **16**-429d; Rome **12**-803c; Sicily **16**-84a; tomb **4**-819c; Victor Emmanuel II. **23**-123d.
—, **GIUSEPPE** (1879-, It. gen.) **10**-26d.
—, Ricciotti (gen.) **10**-26d.
—, Braz. **19**-318b.
—, Oreg. [**24**-151 B2].
—, mt., Can. [**24**-92 E5].
Garibay, Estéban de **21**-158b.
Gariep, riv., S.Af.: *see* Orange, riv., S.Af.
GARIGLIANO, riv., It.: *see* Liri.
Garigliano (battle, *c.* 915) **13**-84c.
Garin, N. **19**-755c.
Garin de Monglane **10**-969d fol.
Garingal: *see* Galangal.
Garin Kalakh (anc. city Arm.): *see* Erzerum.
Garin le Brun (poet) **18**-640c.
— **LE LOHERAIN** **10**-26d.
Garioch, dist., Scot. **1**-39a.
Garisenda (tower, Bologna) **3**-823c.
Garita, N.Mex. [**24**-148 E3].
—, mts., Colo. [**24**-147 D4].
Garland, A. H. **2**-370d.
—, **HAMLIN** **10**-27a; **16**-576c; **1**-791a.
—, John (Am. sol.) **5**-242a.
—, **JOHN** (writ.) **10**-27b.
—, co., Ark. [**24**-120 B3].
—, Ala. [**24**-118 C4].
—, Kan. [**24**-142 H4].
—, La. [**24**-121 B3].
—, Me. [**24**-96 C3].
—, Minn. [**24**-134 C3].
—, Mo. [**24**-140 D3].
—, Mont. [**24**-144 F2].
—, N.C. [**24**-112 G3].
—, Pa. [**24**-106 B2].
—, Tex. [**24**-123 F3].
—, Utah [**24**-152 B1].
—, Wyo. [**24**-146 D1].
"Garland" (ship) **6**-364d.
Garland, ex parte (U.S.) **22**-813d.
— crab-apple: *see* American crab apple.
— -flower **7**-48d.
Garlande (Fr. fam.) **20**-328b.
Garlandia, Johannes de (Eng. writ.): *see* Garland, John.
Garlands, Wis. [**24**-132 D4].
Garleton, hill, Scot. **7**-875a.
GARLIC **10**-27c; **1**-659a.
—, essence of: *see* Allyl sulphide.
Garlick, T. **1**-935a.
GARLIC-MUSTARD **10**-27c.
Garliebank, Fife, Scot. **6**-870b.
Garliestown, Scot. [**24**-19 D7].
Garlin, Fr. [**24**-26 C4].
Garlington, S.C. [**24**-113 C2].
Garments. *see* Dress.
Garment trade **21**-636a.
— Workers, United **22**-382a.
Garmouth, Scot. [**24**-18 E4].
Garmoyle, Hugh McCalmont Cairns, viscount: *see* Cairns.
Garnant, Wales [**24**-17 C3].
Garnavillo, Ia. [**24**-138 F2].
Garn Bodfean, mt., Wales **4**-891d.
Garneau, Alfred **4**-717d fol.
—, **FRANÇOIS - XAVIER** (hist.) **10**-27c; **4**-717b.
— Junction, Que., Can. [**24**-89 B3].
Garnedd, mt., Wales [**24**-16 C1]; **4**-891d.
Garneill, Mont. [**24**-144 D2].
Garner, W. W. **18**-30a.
—, Ia. [**24**-138 D1].
—, N.C. [**24**-112 G2].
Garnerin, A. J. **17**-252b.
Garnes, Nor. [**24**-44 A1].
GARNET (GARNETT), Henry **10**-27d; **23**-435b; Gunpowder plot **11**-4d.
Garnet, T. **16**-766a.
—, Ky. [**24**-116 F2].
—, Mich. [**24**-130 F3].
—, Mont. [**24**-144 B2].
—, Nev. [**24**-153 F6].
—, N.Y. [**24**-103 F2].
—, W.Va. [**24**-111 B3].
—, cape, Rio de Oro [**24**-78 B3].
GARNET (min.) **10**-28b; Pl. I. fig. 4 **10**-GEM; Pl. I. figs. 16 and 17 **10**-GEMS IN ART; **1**-61d; **10**-29c; eclogite **7**-914c; hyacinth **11**-954d; isomorphism **15**-526d.
—, precious: *see* Almandine.
— -amphibolite **7**-914d.
— Chili (potato) **18**-329a.
— -sands (min.) **19**-934b.
Garnett, Constance B. **10**-30a.
—, David **8**-599d.
—, Edward (writ.) **10**-30a.
—, **HENRY**: *see* Garnet.
—, Porter (print.) **3**-878b.
—, Richard (philol., 1789-1850) **10**-29d.
—, **RICHARD** (writ., 1835-1906) **10**-29d.
—, Ark. [**24**-120 D4].
—, Kan. [**24**-142 G3].
—, S.C. [**24**-113 C4].
— (wheat) **4**-699a.
Garnetz (measure) **15**-139d.
Garn Goch (Rom. camp, Wales) **4**-886b.
Garnier, Albert **3**-570a.
—, **CLEMENT J.** (econ.) **10**-30a.
—, **GERMAIN**, marquis (pol.) **10**-30b.
—, J. L. C. (arch.) **10**-30b.
—, **M. J. F. (Francis)** (expl.) **10**-30c; in Fr.I.C. **12**-261c; **22**-280a.
—, **ROBERT** (poet) **10**-30d; **9**-784d.
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—, **JOAO B. DA S. L. DE A.** **10**-32a; **18**-295a fol.
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—, W. M. (phys.) **22**-413b.
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—, Ind. [**24**-126 C1].
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— Park, Md. [**24**-108 B1].
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—, George **10**-32d.
—, Peter **10**-32c.
Garrigues, dist., Fr. **10**-20c; **11**-474b.
Garrigues, mts., Fr. [**24**-27 G4]; **5**-176c.
Garrison, Abijah **10**-34a.
—, **WILLIAM LLOYD** **10**-34a; Phillips **17**-737a; Whittier **23**-585d.
— (mil.) **10**-678c.
—, Ia. [**24**-138 E2].
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—, Kan. [**24**-142 F2].
—, Ky. [**24**-116 G2].
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—, Neb. [**24**-139 G3].
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—, Tex. [**24**-123 G4].
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Garrod, Alfred H. **16**-918a.
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Garros, Pey de **18**-641c.
GARROTTE **10**-35c.
Garrovillas, Sp. [**24**-32 C3].
Garrulinae (zool.) **12**-981d.
Garrulus brandti **12**-981d.
— glandarius: *see* Jay.
— krynicki **12**-981d.
Garrupa nigrita: *see* Black jewfish.
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—, Inverness, Scot. [**24**-18 C4]; **12**-548d.
—, glen, Perth, Scot. [**24**-18 D5].
—, lake, Inverness, Scot. [**24**-18 D4]; **12**-548d.
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— Agri. Coll., Bloemfontein, Af. **3**-737d.
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—, Me. [**24**-96 D4].
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—, Mo. [**24**-141 G3].
—, N.Dak. [**24**-136 D3].
—, N.S.W., Austr. [**24**-171 K2].
—, Ont., Can. [**24**-90 B3].
—, Pa. [**24**-106 C4].
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—, U. of S. Af. **16**-128b.
—, Wyo. [**24**-146 B4].
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—, R.I. [**24**-100 B2].
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— Springs, Colo. [**24**-147 C2].
Glenys, Wyo. [**24**-146 H4].
Gletsch, Switz. [**24**-31 E3].
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Gleyre, Charles Gabriel **23**-573a.
Glezen, Ind. [**24**-127 A4].
Gliadin (protein) **16**-650a; **7**-357d; flour **9**-405c; growth **10**-921b.
Gli Animali parlanti (Casti) **4**-989a.
Glidden, Carlos **22**-645a.
Glidden, Joseph F. **3**-97b; **3**-98a.
—, Ia. [**24**-138 C2].
—, Wis. [**24**-132 C3].
Gliddon, G. R. **8**-41c.
Glide, Oreg. [**24**-151 B4].
— plane (crystall.) **23**-850c; **6**-823b; calcite fig. 91 **6**-823; X-ray crystall. fig. 3 **23**-850.
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— joints (anat.) **13**-129a.
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Glin, Ire. [**24**-21 B4].
Glinci, Pol. [**24**-41 G1].
GLINKA, FEDOR N. (poet.) **10**-430a.
—, K. D. **19**-688d; **20**-926c.
—, **MICHAEL I.** (comp.) **10**-430a; **16**-15a; **20**-992c.
—, Theodore **19**-753b.
Glinton, Northants., Eng. [**24**-14 C3].
Glioma (dis.) **4**-21c; **22**-545a fol.
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Glis (rodent) **19**-373c.
— glis: *see* Dormouse.
Gliščic, M. **20**-357d.
Gliss, Switz. [**24**-30 D4].
Glissette (math.) **6**-891a.
Glisson's capsule (anat.) **4**-821d; **14**-229c.
Glis vulgaris: *see* Edible dormouse.
Glittering Gate, The (Dunsany) **7**-744b.
Glittertind, mt., Nor. **13**-155c.
GLOBE, Ariz. [**24**-149 E5]; **10**-430c.
—, N.C. [**24**-112 D1].
Globe (Lond. news.) **16**-339d.
Globe (marine badge) **14**-904a.
Globe (Toronto news.) **4**-264b.
Globe (Theatre, London) **4**-396c.
Globe, Le (Fr. period.) **13**-960b; **9**-795d.
Globe, The (Bost. news.) **16**-357b.
Globe, winged (symbol) **7**-533b.
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— amaranth (bot.) **1**-727c.
— arborvitae Pl. VIII. **13**-LANDSCAPE ARCHITECTURE.
— artichoke (vegetable) **2**-462a.
— **-FISH (SEA-HEDGEHOG)** **10**-430c.
GLOBEFLOWER **10**-430c; il. **18**-979; **18**-979c.
Globes (cartography) **14**-836c; **14**-843b.
—, celestial: *see* Celestial globes.
Globe thistle **6**-184a.
—, valve (mech.) **22**-964a.
Globicephala (zool.) **5**-173d.
— melaena: *see* Pilot whale.
Globicephalus melas: *see* Pilot whale.
GLOBIGERINA (shell) **10**-430c.
— ooze (min.) **2**-635a; **17**-17c; **16**-684c.
Globin (blood) **3**-743b.
Globospherite **6**-808d.
Globosus fistulosus (bot.) **21**-567d.
Globularia (plant) **1**-697d.
Globular nebulae **16**-187a.
— projection **14**-851a.
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Glöckel, Otto **7**-1002d.
Glockendon, G. **14**-842d.
GLOCKENSPIEL (mus.) **10**-430d; **5**-579b; il. **10**-430.
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Glodrudd, Eystan (ruler) **18**-910c.
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Glomach, falls, Scot. **19**-563a.
Glomerate dodder (plant) **7**-492c.
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Glorenza, It. [**24**-34 C1].
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— de Goytá, Braz. **17**-538d.
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Glory (art) **2**-695b.
"Glory" (battleship) **23**-786d.
Glory, Order of **13**-440c.
Glory of Kings: see *Kebra Nagaset*.
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Glosa ordinaria (eccl.) **23**-286d.
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Glossa ordinaria (Accursius) **1**-114d; **10**-431d.
Glossina (insect): *see* Tsetse-fly.
Glossiphonidae **1**-996d.
Glosso-epiglottic folds (anat.) **22**-281b.
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—, Richard, duke of **8**-12d; *see also* Richard III.
—, **RICHARD DE CLARE,** 7th earl **10**-434c.
—, **ROBERT,** earl **10**-434c; **4**-850d; **21**-385a.
—, Thomas, duke of, earl of Essex: *see* Essex.
—, Thomas le Despenser, earl of: *see* Despenser, T. le.
—, Thomas of **19**-287a.
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—, William Henry, duke **9**-723d.
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GOBLET 10-459d; Pl. VI. figs. 6 and 7 10-GLASS; Pl. XIV. fig. 3 10-GLASS; Pl. III. fig. 4 23-WOOD CARVING.
Goblin (min.): *see* Kobold.
Goblin Market (C. Rossetti) 19-565d.
Goblin's Cave, Scot. 13-296a.
Goblin shark 17-108b.
Gobony 11-466a.
Gobowen, Eng. [24-16 C2].
Gobrons 20-966b.
Gobryas 2-857c; 14-872c.
Gobumnas, S.W.Af. [24-81 B2].
Gobur es Seghar, well, Tun. [24-78 F2].
Gobwen, It. Somlnd. [24-83 H3].
GOBY 10-459d; 8-27c.
G.O.C. (abbrev.) 1-24d.
Go canny: *see* Ca' canny.
GOCH, Ger. [24-38 B2]; 10-460a.
Gochsheim, Ger. [24-38 D4].
Göckel A. 8-218c.
GOD 10-460a; agnosticism 1-351b; anthropomorphism 2-59b; apologetics 2-114b; atheism 2-600c; Cartesianism 4-941b fol.; causality 5-62a; Christian ethics 8-769a; Christianity 5-631a; Deism 7-144d; Hebrew 23-684c; infinite 12-340c; Islam 12-708c; Jehovah 12-995b; Jesus 13-21d; knowledge 13-456b; Mormon 15-807d; Neo-platonism 8-767d; primitive 1-974c; religious sanction 8-760c; scholastic 17-750c; Stoic 21-430b; Theism; 22-47b; theology 22-64a; *see also* Monotheism, Neo-Platonism, Philosophy, Indian Philosophy, etc.; *and under* the various religions.
God, House of: *see* Bethel.
God, Ode to (Derzhávin) 7-243c.
Godagari, India [24-66 B2].
Go-Daigo 12-934b fol.
GODALMING, Eng. [24-15 C4]; 10-460a.
God and the State (Bakunin) 2-947b.
GODARD, BENJAMIN 10-460b.
—, Eugene 2-1009a.
—, Jules 2-1009a.
—, Louis 2-1009a.
GODAVARI, dist., India 10-460b.
—, cape, India 6-431b.
—, delta, India 5-938a.
GODAVARI, riv., India [24-67 C3; 24-182 E5]; 10-460c; 1-433a; 11-958c.
—, riv., India, mouths of [24-67 D3; 24-182 F5].
God-body 1-972d.
Goddard (Eng. sol.) 12-193c.
—, John 12-483c.
—, R. H. 19-367c.
—, Kan. [24-142 E4].
—, mt., Calif. 15-932b.
Goddelau, Ger. [24-38 D4].
Godden *v.* Hale 12-878b; 7-424a.
Goddwyn (T. Chatterton) 5-325b.
Godebald (bp.) 22-916c.
Godefa, Tanganyika Terr. 24-83 F3].
Godefridus (Vestfold): *see* Guðorðr.
Godefroi, Denis 10-460d; 1-114d.
Godefroi d'Harcourt (Saint-Sauveur) 16-494d.
GODEFROY (GOTHOFREDUS) (fam.) 10-460d.
— of Bouillon: *see* Godfrey.
Godegesil (Burgundian k.) 5-856c fol.
Godelfare, Sp.: *see* Guadalajava.
Godelminge, Sur., Eng.: *see* Godalming.
Godeman (scribe) 12-96d.
Godendag: *see* Halbert.
Goderich, Can. [24-90 B3].
Goderville, Fr. [24-24 F2].
GODESBERG, Ger. 10-461a.
Godescale (Orbais) 13-755a.
Godescalus: *see* Gottschalk.
GODET, FREDERIC L. 10-461b.
Godetia 16-788c.
Godey's Lady's Book 20-582a.
God-fearers 5-27d.
Godfred 23-149b.
GODFREY, SIR EDMUND B. 10-461b.
— (the Bearded, Lorraine) 11-429a fol.; 3-997b.
— III, (Lower Lorraine) 7-161a.
Godfrey (Tuscany) 11-59b.
—, Ga. [24-114 C3].
—, Ill. [24-129 B5].
GODFREY OF BOUILLON 10-461c; 17-131b; 6-774c fol.; 6-796; 3-960c.
Godfrey of Bulloigne (Fairfax) 9-37a.
GODFREY OF VITERBO 10-462a.
Godfrey's Tank, W. Aus. [24-168 D3].
Godgifu: *see* Godiva.
Godhaven, Green. [24-87 T3]; 10-860a; map 2-295 (F4).
GODHRA, India [24-67 B2]; 10-462b; 17-179c.
Godin (Fr. sci.) 2-56b.
GODIN, JEAN B. A. (Fr. socialist) 10-462b.
God in Christ (Bushnell) 4-454d.
Goding, Ger.: *see* Göttingen.
Godinne, Belg. [24-20 C4].
GODIVA 10-462b; 19-551c; 13-932b.
Godivak, pass, U.S.S.R.: *see* Edena.
GODKIN, EDWIN L. 10-462c.
—, James 10-462c.
GODMANCHESTER, Hunts., Eng. [24-14 C3]; 10-462d.
Godmersham, Kent, Eng. [24-15 D4].
Gǒdoddin (poetry) 23-505b.
Gododin (Aneurin) 1-919c.
God of Socrates, On the (Apuleius) 2-153a.
God of Vengeance (Asch) 23-892c.
GODOLLO, Hung. [24-51 F3]; 10-463a.
Godolphin, Mary B. 8-899d.

GODOLPHIN, SIDNEY GOdolphin, earl of **10**-463a; **8**-524b; Harley **16**-987b; Sacheverell trial **19**-794a; Walpole **16**-890c.
— (horse) **11**-763b.
— award **7**-870a.
Godoy, Francisco **19**-551c.
GODOY, MANUEL DE 10-463b; **17**-465c.
Godred Crovan (k. of Dublin) **14**-768c.
Godric, St. **23**-97b; **8**-570b.
GODRUM: *see* Guthrum.
Gods, lake, Man., Can. [**24**-91 H2].
—, Father of the (myth.): *see* Anu.
—, King of the (myth.): *see* Anu.
"Godsalve, Thomas" (Holbein) **11**-636c.
"God Save the King" **16**-134c.
"God's Command to Retreat" (S. H. Borglum) **3**-901a.
Godshill, I. of Wight, Eng. [**24**-15 B5].
God's House, League of **10**-901c.
God's Mercy, bay, Can. **2**-296a.
Gods of the Mountain, The (Dunsany) **7**-744b.
God's Orchid (Bergman) **21**-659c.
God's Peace: *see* Truce of God.
Godsport, Hants., Eng.: *see* Gosport.
Godstone, Eng. [**24**-15 D4].
God's Truce: *see* Truce of God.
Godthaab, Green. map **2**-295 (F5); circumpolar station **2**-298c; dialects **8**-707c; Egede **8**-25a; government seat **10**-860a; Nansen exp. **16**-67b; map **1**-750.
—, fjord, Green. **10**-858b.
God-tree: *see* Deodar.
GODUNOV, BORIS F. (tsar) **10**-463d.
Godwen-Austen, mt., Asia: *see* K2.
GODWIN, FRANCIS 10-464b.
—, H. T. **4**-433c.
—, **MARY WOLLSTONE**craft **10**-464b.
—, **WILLIAM 10**-465b; **1**-874c; **20**-484d; **23**-742a.
—, N.C. [**24**-112 G2].
GODWIN-AUSTEN, ROBERT A. C. 10-466c.
Godwin-Austen, mt., Asia **10**-466c; *see also* K2.
Godwine (fam.) **8**-485b.
GODWINE (earl of Wessex) **10**-466c; **21**-621c; Edward the Confessor **8**-6c; Hardicanute **11**-186c; Harold II. **11**-212d.
GODWIT (bird) **10**-466d.
Gody, Emile (paint.) **17**-64b.
Goebel, Art **2**-811b.
GOEBEN, AUGUST K. VON 10-467a; **19**-855a.
"GOEBEN" AND "BRESlau" (cruisers) **10**-467b; **23**-780b.
GOEDEKE, KARL 10-468a.
Goedereede, Holl. [**24**-28 B3].
Goeffrin, Mme. **7**-137c.
Goehnel, Neb. [**24**-139 G4].
GOEJE, MICHAEL JAN DE (Du. orient.) **10**-468a.
Goeree, isl., Holl. [**24**-28 B3].
Goering, Reinhard **10**-229d.
Goerke, Walter **15**-905b.
Goertz sun compass, **1**-229a.
GOES, DAMIAO DE 10-468b.
—, Hugo (print.) **12**-490b.
—, **HUGO VAN DER** (Belg. paint.) **10**-468c.
—, Johannes A. van der **7**-773d.
GOES, Holl. [24-29 B3]; 10-468d.
—, O. [**24**-125 B4].
Goesbriand, P. D. de **4**-97b.
Goetel, F. **18**-166c.
GOETHALS, GEORGE Washington **10**-469a; Panama Canal **17**-176c fol.
Goethe, Johann Kaspar **10**-469b.
—, **JOHANN WOLFGANG** von **10**-469b; aesthetics **1**-272a; Carlyle **4**-881b fol.; drama **7**-613d fol.; Elisabeth von Arnim **2**-420b; Faust legend **9**-121b fol.; German language, influence on **10**-216c; Lewes' life of **13**-983c; portrait Pl. fig. 5 **10**-GERMAN LITERATURE; Sturm und Drang **10**-224c; vision theory **18**-713c; Weimar **23**-487d; Schopenhauer **20**-102c.
Goethe, Fla. [**24**-115 C1].
— Gesellschaft **1**-84a.
GOETHITE (min.) **10**-475c; Pl. I. fig. 7 **15**-MINERALOGY.
Goetzville, Mich. [**24**-130 G3].
Gofe, Go. Cst. [**24**-80 D4].
Goff, Frederick H. **6**-138b.
—, Kan. [**24**-142 G2].
—, Ky. [**24**-116 D3].
—, Oreg. [**24**-151 E2].
— (game): *see* Golf.
Goffart, Auguste **8**-617a.
Goffe, William **23**-557a.
— House (Meriden, Conn.) **15**-278d.
Goffin, A. **3**-349c.
Goffing **6**-908a; Pl. I. fig. 1 **6**-CUTLERY.
Goffs, Calif. [**24**-155 F5].
— Falls, N.H. [**24**-97 C4].
Goffstown, N.H. [**24**-97 C3].
GOG (bibl.) **10**-475d; **10**-329c.
Gog (Mendès) **15**-245a.
Gogar, Scot. battle **10**-750a.
Gogari, riv., India: *see* Gogra.
Gogarty, Oliver **12**-637c.
Gogawa, riv., Jap. [**24**-74 H6].
Gogebic, co., Mich. [**24**-130 A3]; iron **15**-419b; **12**-650c.
GOGH, VINCENT VAN 10-475d; **18**-320d fol.; Pl. I. fig. 5 **9**-FLOWER PAINTING; Pl. fig. 4 POST IMPRESSIONISM.
Gog Magog, hills, Cambs., Eng. [**24**-11 G4; **24**-177 F4]; **4**-650d.
Gogo, India [**24**-67 B2].
Gogodara (tribe) **16**-299a.
GOGOL, NIKOLAI V. 10-476b; **7**-618b; **19**-753d; portrait Pl. fig. 5 **19**-RUSSIAN LANGUAGE AND LITERATURE; **17**-56d.
GOGRA, riv., India [**24**-65 E3; **24**-183 F3]; **10**-477a.
Gogsee (curling) **6**-876d.
Gogunda, India [**24**-67 B2].
Gogynfeirdd **23**-506a; **23**-505b.
Gohad, India **7**-301c.
Göhar el-Kaid: *see* Jauhar el-Kaid.
Gohel Rajputs of Kathiawar **3**-494d.
GOHIER, LOUIS JEROME 10-477a.
Gohl, Jacobus: *see* Golius.
Go Home, Can. [**24**-90 C2].
Gohor, mt., Pers. [**24**-63 C2].
GOHRDE, forest, Ger. **10**-477b.
Göhren, Ger. **19**-620c.
Goi (garment) **7**-656a.
GOIANA, Braz.: *see* Goyanna.
GOIDELIC DIALECTS: *see* Celtic Languages.
Goidels (people) **4**-158d; Ireland **12**-600c; **5**-102d; Wales **23**-295a.
Goil, loch, Scot. [**24**-19 D5].
Goire (legend): see Gower.
GOITO, It. **10**-477b; battle, 1848 **12**-749d; **12**-803a.
Goitosuros (deity): *see* Oitosuros.
GOITRE 10-477b; **15**-186c; cretinism **6**-686d; rodagen **22**-174a; surgery **21**-603d; treatment **22**-71d; **23**-862c.
Goja, Pol. [**24**-41 F2].
Gojab, riv., Aby. [**24**-83 G1].
Gojam, prov., Aby. [**24**-79 D5]; **1**-72c.
GOKAK, India **10**-478a.
—, falls, India **10**-478a.
Gokase, riv., Jap. [**24**-74 G7].
Gokcha, lake, Arm., U.S.S.R. [**24**-59 L2]; **10**-478a; **2**-377a.
GOKHALE, GOPAL KRISHna 10-478a.
Go-kinai (Jap. provinces) **12**-915b.
Goklan, Pers. [**24**-63 D1].
Go-kong, Fr.I.C. [**24**-71 C3].
Gol, Nor. [**24**-43 D6]; **4**-735b.
Gola, Emilio **17**-64 Dc.
Gola, Fr. Equat. Af. [**24**-82 B2].
Golad (clan) **14**-218c.
Golaghat, India [**24**-66 C1].
Golah, N.Y. [**24**-102 C3].
Golaks (tribe) **13**-475b.
Golam, head, Ire. [**24**-20 B3].
Golan, Syr. **3**-168d.
Golanitis, anc. dist., Syr. **3**-168d.
GOLASECCA, It. **10**-478c.
Golbanti, Tanganyika Terr. [**24**-83 H3].
Golbo, Kenya [**24**-83 G2].
Golby, John **16**-247b.
Golchikha, Russ. Asia **23**-887b.
Golconda, Ill. [**24**-129 D6].
GOLCONDA, India [**24**-67 C3]; **10**-479d; **7**-317b.
—, Nev. [**24**-153 C2].
Gold (pole vaulter) **18**-158a.
—, E. **15**-351a.
—, Max **11**-142c.
—, Tex. [**24**-123 E4].
—, cove, Nfd. [**24**-93 B2].
—, mt., Nev. [**24**-153 C5].
—, mt., Sum. [**24**-72 A2].
—, riv., N.S., Can. [**24**-88 E4].
—, riv., Vancouver I., B.C., Can. [**24**-92 D5].
— (fin.) arbitrage **2**-218d; **9**-138c; Brit. post-war **10**-696b; crown **16**-628d; penny **17**-485d; price **18**-469b; **13**-31a; World War **10**-694b; *see also* Money.
GOLD (met.) **10**-479d; **2**-650b; alchemy **1**-534d; alloys **10**-484a; amalgamation **1**-725c; **1**-724d; fig. 5 **1**-726; aqua regia **2**-157a; art **4**-252a; assaying **2**-555a; assay office bar **2**-556d; Aztec metal-working **5**-136a; Bronze Age **2**-252a; bullion **2**-555d; **4**-373d; coins and jewellery **1**-663a; consumption **17**-873a; deposits **16**-875a fol.; ions **3**-249a; magnetic moments **14**-666b; nugget Pl. I. fig. 2 **15**-MINERALOGY; properties **10**-480b; **15**-324c fol.; resistivity **8**-228c; sea water **16**-685d; Tibet Pl. I. figs. 1 and 2 **7**-DREDGERS transmutation **22**-412c.
—: **MINING AND METALlurgy 10**-481d; Alaska **1**-503d; Austr. **2**-716a; **2**-725a; Ballarat **2**-997c; Canada **4**-699c fol.; Colorado **6**-44d; **6**-47c; Colombia **6**-33a; **6**-36a; **6**-37c; cyanide process **6**-916a; distribution **10**-482a; **17**-873b; dredges Pl. fig. 1 and 2 **7**-DREDGERS AND DREDGING; Du.E.I. **7**-873b; Egypt **8**-48d; Gold Coast **10**-487b; Ireland **12**-617a; mercury fig. 8 **22**-110; production **17**-872d; Transvaal **22**-426c; **22**-420d; U.S. **22**-823b; Pl. IV. fig. 3 **22**-UNITED STATES.
—: **PRODUCTION:** *see* Physical Resources, Precious Metals Group: Gold.
Goldap, Ger. [**24**-40 F1].
Goldast, Melchior **11**-596a.
Goldau, Switz. [**24**-31 F2].
Gold Basin, Ariz. [**24**-149 A3].
— Beach, Oreg. [**24**-151 A5].
GOLDBEATING 10-484b.
Gold beetle **12**-899b.
— Belt series (geol.) **22**-726d.
"Goldberg Variations" (Bach) **2**-870c.
Goldberg, Mecklenburg-Schwerin, Ger. **10**-485b.
GOLDBERG, Silesia, Ger. **10**-485a; **22**-498c.
Goldbug, Ky. [**24**-116 F4].
Gold Bug, The (Poe) **16**-50d.
Goldburg, Ida. [**24**-145 E5].
Goldbutte, Mont. [**24**-144 C1].
GOLD COAST, country, W. Af. [**24**-80 D4]; **10**-485b; **10**-486d; Accra **1**-105b; axeheads and quartz discs **1**-314b; cacao **5**-947a; defence **10**-682c; flora and fauna **10**-485d fol.; government **10**-487c; history **10**-488a fol.; industries **10**-487a; pop. **4**-175d; rys. **18**-920c.
Gold Regiment **7**-857d.
— Creek, Mont. [**24**-144 B2].
— Creek, Nev. [**24**-153 E1].
GOLDCREST (GOLDEN Crested Wren) 10-489c.
Gold cyanide **10**-481c.
— Democrats (U.S.) **14**-591a.
Gold Dust, La. [**24**-121 B3].
—, Tenn. [**24**-117 B2].
Gold dust (min.) **17**-991a.
— edging **3**-860b.
Golden, Tom **10**-489d.
—, Ariz. [**24**-149 B5].
—, B.C., Can. [**24**-92 F4].
GOLDEN, Colo. [**24**-147 E2]; **10**-489c; industrial school **6**-46a fol.
—, Ida. [**24**-145 C4].
—, Ill. [**24**-128 A3].
—, Miss. [**24**-119 D1].
—, Mo. [**24**-140 D5].
—, N.C. [**24**-112 D2].
—, bay, N.Z. [**24**-172 D4].
—, lake, Can. [**24**-90 D2].
—, Order (Ger.) **13**-438b.
—, river, the, Belg.: *see* Lys.
— Acts (Scot.) **20**-164d.
— Age (myth.) **6**-747c.
"Golden Age," (Millet) **15**-499d.
— apples (myth.) **11**-530c.
Golden Argosy (mag.) **15**-966d.
Golden Ass (Apuleius) **2**-152d; **13**-753c; **16**-572c.
Golden Berenice, Eritrea **8**-690c.
Goldenberg-Werk (power works) **19**-246b.
Golden Boke of Marcus Aurelius, The **3**-455c.
Golden Book, the (register, Venice): *see* Libro d'Oro.
Golden Bough, The (J. G. Fraser) **9**-710a.
Golden Bowl, The (James) **1**-793b.
Goldenbridge, N.Y. [**24**-102 G4].
GOLDEN BULL (charter) **10**-489d; **8**-140a; **10**-489d; **12**-371d; Brandenburg **4**-30b.
GOLDEN CALF (idol): *see* Calf, the Golden.
— Camp, Russ.: *see* Sir Orda.
— -capped sunbird **2**-877b.
— Century (lit.) **7**-772d.
— Chersonese (anc. geog.): *see* Malacca peninsula.
— Circle, Knights of the: *see* Knights of the Golden Circle.
— City, Mo. [**24**-140 C4].
— **CLUB** (plant) **10**-490b; il. **10**-490.
— columbine (plant) **6**-78b.
— cress (plant) **6**-671a.
— **CRESTED WREN** (bird): *see* Goldcrest.
— -crowned water-thrush (bird) **16**-974d.
— currant (bot.) **10**-521d.
Goldendale, Wash. [**24**-150 E5].
Golden Day, The (Mumford) **1**-794c.
— dynasty (Chin.): *see* Kin dynasty.
Golden Eagle, Ill. [**24**-129 B5].
— eagle (bird) **7**-822c; Pl. I. fig. 13 **3**-BIRDS; falconry Pl. I. fig. 1 **9**-FALCONRY; female Pl. II. figs. 1, 2 **7**-EAGLE; male Pl. I. fig. 1 **7**-EAGLE; nest Pl. I. fig. 3 **16**-NEST.
— eagle (emblem): *see* Ampulla.
Golden ear-drops (plant) **7**-330c.
Goldene Aue, dist., Ger. [**24**-39 F2]; **16**-487d.
Golden Era (publ.) **11**-225b.
Goldene Vliess, Das (Grillparzer) **10**-892d.
GOLDEN-EYE (bird) **10**-490b.
— flies: *see* Green lacewings.
Golden-feather (plant) **18**-796d.
Golden fig (plant) **9**-229d.
GOLDEN FLEECE (myth.) **10**-490b; **2**-333d; **10**-481d.
—, Order **5**-263a; **4**-407a; **16**-250b; **13**-436b.
Golden Gate, bay, Calif. **11**-182d.
— Gate, chan., Calif. [**24**-154 B4; **24**-188 B3]; **4**-590a.
— Gate (Constantinople) **6**-305c.
— Gate (Kiev, U.S.S.R.) **13**-375c.
— Gate (park, San Francisco) **19**-943c.
— Gate Canyon, Cal., U.S. view Pl. fig. 2 **6**-CONCRETE.
GOLDEN-GLOW (flower) **10**-490c.
Golden Grove, The (W. Vaughan) **23**-15d.
Golden Guernsey (milk) **5**-51c.
— Heads (monastery, Kiev, U.S.S.R.) **13**-375d.
— Hill, Md. [**24**-109 C2].
"Golden Hind" (ship) **7**-575c.
GOLDEN HORDE (Tatars) **10**-490c; **15**-719c; *see also* Kipchak *and* Tatar.
— Horn, Constantinople Pl. I. fig. 2 **22**-TURKEY; il. **6**-304.
— House (of Nero) **6**-52c; **12**-768a.
— Kite, Order (Jap.) **13**-440d.
— Knight (nick.): *see* Cromwell, Henry.
— Lake, Can. [**24**-90 D2].
— Lane, oil wells, Mex. **17**-664b.
— larch (tree) **13**-723a.
— League **3**-922c; **21**-686d.
— -leaved chestnut **5**-591b.
— leaves **17**-275a.
Golden Legend (Jacobus de Voragine) **10**-183b.
Legend (Longfellow) **19**-428a.
Golden Legion: *see* Golden Spur.
Golden Lion of Nassau, Order **13**-438c; **13**-439a.
— Maghet (bot.) **15**-462c.
— maidenhair (bot.): *see* Polypody.
Golden Meadows, The (Mas'ūdī) **22**-158b.
GOLDEN MOLE (zool.) **10**-490c; **14**-978c; **4**-779c; habitat **21**-47b.
— mound (Kerch): *see* Altun.
— Mouth: *see* Bulgarus.
— number (chron.) **4**-570c.
— oat-grass **10**-648c fol.
GOLDEN ORFE (fish): *see* Orfe.
— oriole (bird) **16**-904a.
— pheasant (bird) il. **17**-697a; **17**-697a.
— plover (bird) **18**-83a.
— Pond, Ky. [**24**-116 B4].
— pottery (Sp.) **18**-346a.
— Queen (plant.) **15**-462c.
— **RAGWORT** (plant) **10**-490d; il. **10**-490d.
— rain (tree): *see* Laburnum.
Goldenridge, Me. [**24**-96 D3].
Golden robin (bird): *see* Baltimore oriole.
Goldenrod, Minn. [**24**-134 C4].
GOLDEN ROD (plant) **10**-490d; **1**-4d.
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— arboreum: *see* Tree cotton.
— barbadense: *see* Sea Island cotton.
— brasiliense **6**-525b.
— herbaceum **6**-525b; fig. 2 **6**-526.
— hirsutum **6**-525b.
— peruvianum **6**-525a.
Gösta Berlings Saga (Lagerlöf) **13**-502b.
Gostivar, Yugos. [**24**-52 E4].
Gostling (Gosling), Rev. John **18**-775b.
Gostorg **19**-709a.
Gostrakh **21**-103a.
Gostyn, Pol. [**24**-40 C3].
Goszczynski, Seweryn **18**-164d.
Got, Bernard de: *see* Clement V.
GOT, FRANCOIS J. E. 10-539c.
Göta, canal, Swed. [**24**-45 F2]; **4**-727b.
GÖTA, riv., Swed. [**24**-44 E2]; **10**-539d; Trollhättan falls **22**-491d.
Gotaha, Ger.: *see* Gotha.
Götaland, dist., Swed. **21**-641c; **21**-636b fol.
Gotamakas **7**-282a.
Götar **21**-641c.
GOTARZES (GOTERZES) (Parthian k.) **10**-539d.
Gotch, Frank **23**-807c.
Göteborg, Swed. **21**-644d; **15**-1003b; **21**-639a; *see* Gothenburg.
— and Bohus, co., Swed. [**24**-44 D2].
Göteborgs Bank AB **21**-641b.
Gotegewe, Ger.: *see* Gotha.
Goten, Van der **21**-801c.
GOTERZES: *see* Gotarzes.
Goth. (abbrev.) **1**-24d.
GOTHA, Ger. [**24**-39 F3]; **10**-540a.
Götha, canal, Swed. **21**-649c.
Gotham, Wis. [**24**-133 C6].
—, **WISE MEN OF 10**-540b.
Gotha mortality table **14**-52d.
Gothenburg, Neb. [**24**-139 D4].
GOTHENBURG, Swed. [**24**-44 D3]; **10**-540c; **1**-463; **22**-871b; Pl. III. fig. 1 **11**-HARBOURS; Pl. I. fig. 4 **21**-SWEDEN.
"GOTHENBURG" LICENSing System 10-540d; **14**-192c; Eng. **7**-422a fol.
— to Hull [**24**-8 F2].
GOTHIC ARCHITECTURE 10-541c; tracery **22**-338d; revival, 19th century **15**-635b; Nesfield **16**-242d; **15**-635b; wood-carving **23**-717a; Venice **23**-57d; use of colour **6**-62c; tile-making **22**-214a fol.; continental vaults **23**-19a fol.; dormer **7**-541b; **2**-284d; chimney-piece il. **5**-507; base il. **3**-159; gargoyle fig. H **10**-25; roofing il. **2**-286; apse figs. G, J **2**-150; cath. arch. **5**-35b.
— **ART 10**-548b; illuminated mss. **12**-97d; **20**-199c; effigies, monumental **8**-23b; Pl. III. fig. 1 **2**-ARMS AND ARMOUR; carved ivory diptych Pl. V. fig. 1 **12**-IVORY CARVING; *see also* Painting: Sculpture; Stained Glass.
— handwriting **4**-615a fol.; in early mss. **3**-872c.
— language **10**-551c; Ulfilas' Scriptures **22**-673b; spirant sounds **19**-660c; *see also* Teutonic.
— League **21**-877d.
— peoples: *see* Teutonic peoples.
— point (lace) **13**-564c.
— Society (Swed.) **10**-87c; **21**-657c.
— type: *see* Black Letter.
— version (N.T.) **3**-518a.
— writing **19**-660b; **18**-508b.
Gothland Association (mediaeval league) **11**-162c.
Gothofredus, Dionysius (Fr. jur.): *see* Godefroy, Denis.
GOTHS (tribe) **10**-549b; Alaric **1**-497a; runic staves **19**-661a; Belisarius and Narses **19**-510c; join with Bastarnae **3**-192c; Russia **8**-839c.
Gotiglacial moraine **5**-826b.
Götiska förbundet: *see* Gothic League.
Gotland, Minn. [**24**-134 B3].
Gotlandian system (geol.): *see* Silurian system.
GOTO, SHIMPEI, viscount **10**-552c.
Go-Toba **12**-934a.
Gotofredus, Johann L.: *see* Abelin.
Gotones (tribe): *see* Goths.
GOTO BETTO, isls., Jap. [**24**-74 F7]; **10**-552b.
Gotska, Swed. [**24**-45 H2].
GOTTER, FRIEDRICH W. 10-552c.
Götterdämmerung (Wagner) **23**-279b; **6**-349d.
Gotteron, riv., Switz. [**24**-30 C3].
Gottescale: *see* Gottschalk.
Gottesfreunde (rel. soc.): *see* Friends of God.
Gottesgab, Czech. [**24**-39 H3]; **8**-699d.
Gotteshausbund (league) **21**-685c; *see also* God's House, League of.
Gotteszell, Ger. [**24**-39 H5].
Gottfried, Johann L.: *see* Abelin.
— **VON STRASSBURG 10**-552c; and Wolfram **23**-698c.
Gotthard, St. **19**-832c.
GOTTHELF, JEREMIAS: *see* Bitzius, Albrecht.
GOTTINGEN, Ger. [**24**-38 E2]; **10**-553a; univ. **14**-14c; **22**-870b.
Göttinger Dichterbund (Hain) **11**-682c; **4**-400c.
Göttinger Handschrift (early book on chess) **5**-434b.
Göttinger Musenalmanach (Ger. period.) **10**-224c.
GOTTLAND, isl., Swed. [**24**-45 H3; **24**-178 J4]; **10**-553b; **19**-661d fol.; **22**-942b.
Gottleuba, Ger. [**24**-39 J3].
Gottlieben, Switz. [**24**-31 G1].
GOTTLING, CARL W. 10-554a.
Gottorp, duke of **5**-284a.
—, count of: *see* Gustavus IV. (of Swed.).
—, region, Den. **7**-209c.
Gotts (chem.) **21**-394a.
Gottschalk (crusader) **6**-774b.
GOTTSCHALK (Ger. theol.) **10**-554a.
GOTTSCHALL, RUDOLF von **10**-554b.
GOTTSCHED, JOHANN C. 10-554c.
—, Luise A. V. **10**-554d.
Gottskalksson, Odd (New Testament) **12**-54a.
GOTZ, JOHANN N. 10-554d.
Gotzelin **21**-675c.
Götzen, G. A., count von **13**-423a.
Götz von Berlichingen (drama, Goethe) **10**-224d; **7**-614a; **10**-470b.
GOUACHE 10-555a.
Gouaix, Fr. [**24**-25 J3].
Gouarec, Fr. [**24**-25 B3].
Goucher College (Balto. Md.) **3**-4c.
Gouchkov, N. **19**-727d.
GOUDA, Holl. [**24**-28 C2]; **10**-555a.
Goudeau, La. [**24**-121 C3].
Goudelin, Pierre **18**-641c.
Gouderay, Wis. [**24**-132 B4].
Goudhurst, Eng. [**24**-15 D4].
GOUDIMEL, CLAUDE 10-555b.
Goudouli, Pierre: *see* Goudelin.
Goudsmit, S. **14**-640c.
Goudy, Frederic W. **3**-877d; **18**-500c; **18**-511c; book design Pl. VI. fig. 1 **3**-BOOKS.
Gouessan, riv., Fr. **6**-518c.
Gouet, riv., Fr. **6**-518c.
Gouff (game): *see* Golf.
Goufi, mt., Alg. [**24**-78 F1].
GOUGE (tool) **10**-555b; **13**-120d; sculpture il. **20**-218; wood engraving fig. 1 **23**-721; ivory carving **20**-222a.
GOUGH, SIR HUBERT DE La P. 10-555b.
—, **HUGH G.**, viscount **10**-555c.
—, H. J. **15**-63a fol.
—, John **6**-994d.
—, Sir Matthew **11**-891b.
—, **RICHARD 10**-555d.
—, co., N.S.W., Austr. [**24**-171 K2].
—, Ga. [**24**-114 D3].
Gough, S.C. [**24**-113 E3].
—, isl., S.Atl.O. [**24**-185 C10]; **22**-486d.
—, lake, Can. [**24**-91 C3].
Goulhenans, Fr. **11**-257b.
GOUIN, SIR LOMER 10-556a.
—, Que., Can. [**24**-89 B2].
—, dam, Que., Can. [**24**-89 A1]; **18**-837c.
GOUJON, JEAN 10-556a; **7**-533a; statue of Diana **7**-321d; monumental sculpture **20**-211c; bronze **4**-243d; "Diana and the Stag" Pl. IV. fig. 9 **20**-SCULPTURE.
—, **JEAN M. 10**-556b.
Goulas, Crete **6**-684b.
Goulash (contract bridge) **6**-345b.
GOULBURN, HENRY 10-556b.
—, co., N.S.W., Austr. [**24**-171 H6].
GOULBURN, N.S.W., Austr. [**24**-171 J5]; **10**-556c.
—, riv., Vict., Austr. [**24**-171 G6].
—, riv., N.S.W., Austr. [**24**-171 K4].
GOULD, AUGUSTUS A. 10-556c.
—, **BENJAMIN A. 10**-556d.
—, **SIR FRANCIS C. 10**-556d; **16**-340b; Pl. III. fig. 8 **4**-CARICATURE.
—, George J. **10**-557b; tennis champ. **13**-792a.
—, Gerald **18**-112d.
—, Helen M. **10**-557b.
—, **JAY 10**-557a; Sage **19**-814b; Fisk, **9**-330a.
—, Ark. [**24**-120 D4].
—, O. [**24**-124 B2].
—, Que., Can. [**24**-89 C3].
—, R.I. [**24**-100 B4].
—, isl., R.I. [**24**-100 C3].
—, mt., Mont. [**24**-144 B1].
— City, Mich. [**24**-130 F3].
— City, Wash. [**24**-150 H4].
Gouldsboro, town, Pa. [**24**-107 F2].
Gouldsbury, V. S. **9**-998c.
Goulet (str.) e.g. Goulet de Brest, Goulet de Fromentine, etc.: *see* Brest, Goulet de, Fromentine, Goulet de, etc.
—, Treaty of (1200) **16**-494c.
Gounaris **10**-790d fol.
GOUNOD, CHARLES F. 10-557b.
Gounouilhou (dry dock, Urug.) **15**-763a.
Goupil, Marcel Pl. XI. fig. 1 **10**-GLASS.
Goupy, James **4**-865c.
—, Marcel **10**-407a.
Goura (bird): *see* Crowned pigeon.
Gourami (fish) **16**-243d.
GOURAMY: *see* Goramy.
Gouras **10**-822a.
GOURAUD, HENRI J. 10-558a.
GOURD 10-558a.
Gourd, Ark. [**24**-120 D4].
Gourdin, E. O. **13**-181d.
—, S.C. [**24**-113 E3].
Gourdon, Fr. [**24**-26 E3].
—, Scot. [**24**-12 B1].
GOURGAUD, GASPAR, baron **10**-558c.
Gourgues, Dominique de **9**-400b; **15**-248b.
Gourin, Fr. [**24**-25 B3].
Gouritz, riv., Cape Col. [**24**-81 C4].
GOUREKO, JOSEPH VLADImirovich, count **10**-558d; **20**-539b.
Gourliaea decorticans (bot.): *see* Chañar.
Gourma, region, Fr. W. Af. [**24**-80 E3].
GOURMANCHE 10-558d.
GOURMET 10-559a.
Gourmont, Jean de **10**-559b.
—, **REMY DE 10**-559a.
Gournay, Jean C. M. V. de **17**-885c; **18**-847c.
—, Marie de Jars de **15**-744d.
—, Fr. [**24**-24 G2]; **1**-813b.
Gournia, Crete map **1**-209; **6**-681c.
Gouro (people): *see* Kweni.
GOUROCK, Renfrewshire, Scot. [**24**-19 D6]; **10**-559b.
—, mts., N.S.W., Austr. [**24**-171 J5].
Gouroud, Henri J. **14**-932d.
Gourounsi, dist., Fr.W.Af. [**24**-80 D3].
Goursat, George Pl. IV. fig. 4 **4**-CARICATURE.
GOURVILLE, JEAN HERauld 10-559b.
GOUT (disease) **10**-559c; treatment **5**-989a; **18**-778d; **15**-530d.
Goutai (people): *see* Götar.
Gout-fly **7**-113c fol.; fig. 36 **12**-416.
Gouth, Bertrand de: *see* Clement V. (pope).
GOUTHIERE, PIERRE 10-560a.
GOUVERNEUR, N.Y. [**24**-103 E1]; **10**-560b.
GOUVION SAINT-CYR, Laurent, marquis de **10**-560b.
Gouyave, W.I. **10**-874d.
Gouy permeameter (instru.) fig. 23 **14**-648.
Gouzeaucourt, Fr. **4**-645a.
Govan, W. **14**-439a.
GOVAN, parish, Glasgow, Scot. [**24**-19 D6]; **10**-560c.
—, S.C. [**24**-113 C3].
—, Wash. [**24**-150 G3].
Govapuri, India: *see* Goa.
Gove, India: *see* Goa.
—, co., Kan. [**24**-142 B3].
—, Kan. [**24**-142 B3].
Governess-cart **4**-935d.
Governesses (nick). **16**-250d.
Government, park, Ont., Can. [**24**-90 C1].
GOVERNMENT 10-560c; anarchism **1**-873b; K. Marx **14**-998c; Mencius **15**-240a; physiocrates **17**-885d fol.; Plato **18**-56c; **18**-58d; **18**-60d; Rom. prov. **18**-647b; social contract **20**-881d; social philos. **20**-899a fol.; Soviet system **21**-100b; **21**-101b; Spinoza **21**-238c; taxation **21**-837d; electoral systems **8**-134a; Soviet system **21**-100b; sovereignty **21**-98a.
Governmental advertising (Eng.) **1**-199a.
— **ARCHITECTURE 10**-565d.
— theory. (theol.) **2**-652c.
Government Annuities Act (1864, Brit.) **14**-455d.
— by kurbash **13**-520a.
— **DEPARTMENTS 10**-571a; Foreign Office **9**-496b; Home Office **15**-553; **20**-260c; U.S. **10**-574d; **22**-365b; commerce **22**-755b; **4**-503b; mfr. **22**-746d; radio **4**-212c; Interior **4**-503c; Justice **4**-502b; Navy **4**-502b; State **4**-501b; standardization **21**-305d; Treasury **4**-502a; profiteering **18**-569a; prohibition **18**-558b.
— grants (Eng.) **21**-844a.
— House (Barrackpore, Ind.) **3**-135a.
Government Inspector, The (Gogol): see *Revizor.*
Government Land Values Bill (1907-08, Scot.) **20**-148d.
— of India Act (1915, Eng.) **12**-230c; amendment, 1919 **4**-185a; **4**-333d.
— of Ireland Act (1920, Eng.) **12**-621c fol.; appeals **2**-131d; representation **19**-167b; trade marks **22**-359d.
— ownership **4**-804a fol.; **21**-901a fol.
— securities (U.S.) **15**-703d.
GOVERNOR (mech.) **10**-579c; steam engine **21**-358b; Pl. V. figs. 1-I, L **18**-POWER TRANSMISSION; **8**-152d.
—, centrifugal (mech.): *see* Centrifugal governor.
GOVERNOR (ruler) **10**-579b; Rome **18**-647c; **19**-519a fol.
— and Company of Adventurers of England trading into Hudson's Bay: *see* Hudson's Bay Company.
— and Company of Merchants of London, trading into the East Indies, The: *see* East India Company.
Governors, isl., N.Y. [**24**-104 C4]; **16**-377a.
Governor's Daughters, The (Collett) **16**-560c.
Governor Wood (cherries) **9**-880b.
Govinda (myth.) **11**-579b; — III. (India) **18**-987b; (coin) Pl. VII. fig. 7 **16**-NUMISMATICS.
Govind Deva (temple, Brindaban) **4**-151b.
— Singh (gurū.) **20**-647d.
Gow, Niel **10**-579d.
Gowa, dist., Mal. Arch. **5**-90d.
Gowama (tribe) **13**-485b.
Gowan, Minn. [**24**-134 F5].
—, hill, Scot. **21**-412c.
—, mts., Austr. [**24**-169 B4].
— (bot.): *see* Daisy.
Gowanda, N.Y. [**24**-102 B3].
Gowans, J. **22**-396d.
Gowanus, bay, N.Y. [**24**-104 C5].

Gowanus, creek, N.Y. 16-377c.
Goward, Mary Anne: *see* Keeley, Mary Anne.
Gowen, Franklin B. Molly Maguires 15-678d.
—, co., N.S.W., Austr. [24-171 J3].
—, Mich. [24-131 F6].
—, W.Va. [24-111 C3].
Gower, Francis Leveson: *see* Ellesmere, Francis Egerton, 1st earl of.
—, Henry de 19-826a.
—, JOHN 10-579d; 2-996d; 23-97c.
—, L. 6-751c.
GOWER, dist., Glamorganshire, Wales 10-580c.
—, Wales [24-11 B5].
—, isl., Pac. O. 20-954a.
Gowers, Sir Ernest A. 10-702a.
— tract (anat.) 21-218d.
Gowff: *see* Golf.
Gowie, Austr. [24-171 K1].
Gowk: *see* Cuckoo.
—, hunting the: *see* Hunting the gowk.
Gowland, W. 2-253b.
GOWN 10-581a; *see also* Robes.
Gowna, lake, Ire. [24-20 D3; 24-177 C4].
GOWRIE, JOHN RUTHVEN, 3rd earl of 10-581a.
—, William Ruthven, 1st earl of 4-967d; 10-581a; 2-427d.
GOWRIE, dist., Scot. [24-18 E5; 24-12 A1]; 10-581c.
—, Ia. [24-138 C2].
— conspiracy 10-581b.
Gowy, riv., Eng. 5-423a
Goxas, S.W.Af. [24-81 B2].
Goy, Henri 7-1002a.
GOYA, Arg. [24-165 E2]; 10-581c.
Goyana (tribes): *see* Guayana.
Goyaninha, Braz. [24-164 C2].
GOYANNA, Braz. [24-164 C2]; 10-581c.
—, mt., Braz. 4-49a.
—, riv., Braz. 17-538c.
Goyasse: *see* Goliath.
GOYATACAN (S. Am. Ind.) 10-581c.
Goyatz, Ger. [24-39 K1].
GOYA Y LUCIENTES, FRANcisco 10-581d; 8-747d; 18-267a; 17-47a; Pl. II. fig. 3 4-CARICATURE; "Portrait of The Artist's Son" Pl. IX. figs. 7, 9 17-PAINTING.
GOYAZ, state, Braz. [24-164 A3; 24-160 E4]; 10-582c; 4-49c fol.
—, Braz. [24-163 C6]; 10-582d; 4-51d.
GOYEN, JAN JOSEPHSZOON Van 10-582d.
—, riv., Fr. [24-25 A3].
Goyert, S.Dak. [24-137 A1].
Goyon, Jacques, Count of Matignon: *see* Matignon.
Goyt, riv., Eng. 7-238c.
Gozan, riv., Media 19-789b.
Gozoport, Eng.: *see* Gosport.
GOZO (GOZZO), isl., Gr. [24-54 D6]; map 1-209; 10-583b.
Göz Regeb, A.E. Sud. [24-79 D4].
Gozzan (min.) 18-798d.
Gozzano, G. 12-748d.
GOZZI, CARLO, count 10-583b.
—, GASPARO, count 10-583b; 12-745b.
GOZZOLI, BENOZZO 10-583c; tempera Pl. fig. 4 21-TEMPERA.
G.P.O. (abbrev.) 1-24d.
G.P.U. (spy-system) 8-713b.
Gr. (abbrev.) 1-24d.
gr. (abbrev.) 1-24d.
gr. (weight): *see* Gramme.
GRAAFF REINET, Cape Col. [24-81 C4]; 10-583d.
Graafian follicle (physiol.) 19-173b fol.
Graafwater, Cape Col. [24-81 B4].
Graah, W. A. 2-294a.
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Grab (instru.) 14-893b.
GRABAU, AMADEUS William 10-584a.
GRABBE, CHRISTIAN Dietrich 10-584a; 10-226d.
Grab dredger (engin.) 7-643a, d fol.; Pl. fig. 2 5-COAST PROTECTION AND LAND RECLAMATION.
Grabe, Czech. [24-39 K3].
Graben, Ger. [24-38 D4].
Gråberg, Swed. 10-86c.
Grabhorn, Edwin 3-878b.
Grabhorn, Robert 3-878b.
Grabill, Ind. [24-126 D1].
Grabo, Iv. Cst. [24-80 C4].
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Grabusa, cape, Crete 6-676b.
Gračac, Yugos. [24-52 B2].
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Graçay, Fr. [24-24 G4].
GRACCHUS (fam.) 10-584b.
—, GAIUS S. 10-584b; Drusus 7-684d; 6-442b; 19-490d.
—, TIBERIUS S. (consul in 238 B.C.) 10-584d.
—, TIBERIUS S. (consul in 215 B.C.) 10-584d.
—, TIBERIUS S. (father of tribunes) 10-584d; in Spain 19-485d.
—, TIBERIUS S. (tribune) 10-585a; reforms 19-490d.
GRACE, EDWARD M. 10-585b.
—, WILLIAM G. 10-585b; record 6-695d fol.; portrait Pl. I. fig. 5 6-CRICKET.
—, Calif. [24-154 C3].
—, Ida. [24-145 G7].
—, Mich. [24-130 G4].
—, S.C. [24-113 D2].
—, lake, Austr. [24-168 B5].
—, mt., Mass. [24-98 B1].
GRACE (favour) 10-585d; apostolic succession 2-120d; Calvin 4-633c; Cameronites 4-661c; conversion 6-354b; Lutheran controversies 14-498d; predestination 18-433a fol.; scholastic viewpoint 17-750b.
—, His (eccl. title): *see* His Grace.
Grace Abounding 2-788a.
Grace City, N.Dak. [24-136 F2].
Gracedieu (nunnery) 5-916c.
Gracefield, Can. [24-89 A2].
Graceham, Md. [24-108 B1].
Gracehill, Ire. 2-1012a.
Gracelock, Minn. [24-135 C6].
Gracemont, Okla. [24-143 E3].
Grace-note (mus.) 12-242a.
Graceport, Wis. [24-132 F5].
GRACES, THE (Gr. myth.) 10-586d.
Graceton, Pa. [24-106 B3].
Graceville, Fla. [24-115 C1].
—, Minn. [24-135 B6].
—, N.Dak. [24-136 A4].
Gracey, Ky. [24-116 C4].
Gracia, Sp. [24-33 H2].
GRACIAN Y MORALES, Baltasar 10-586d.
Gracias, Hond. [24-159 G5].
— a Dios, Nic. [24-159 H5].
— a Dios, cape, Nic. [24-159 H4]; 11-710c.
Gracie, Neb. [24-139 E2].
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Gracilis (muscle) 15-988b.
Graciosa, isl., Azores 2-829d.
GRACKLE (ornith) 10-586d; *see also* Blackbird.
— jaranensis 12-975d.
— religiosa 10-587a.
Gradahus, mts., Braz. [24-163 B4].
Gradan, Kan. [24-142 B2].
Grade (slope) 19-340d.
Grade A milk 15-487c.
Grade crossing (Ry.) 18-944b; 18-952a.
Gradenigo, Pietro 23-62d.
Grader (eng.) Pl. fig. 1 19-ROADS AND STREETS.
Gradient (math.) 23-23b.
— (physiol.) 19-69b.
— wind (meteorol.) 15-350b.
Grading of fruit 9-881b.
— shield (elec.) 8-169c.
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Grand Etang, Cape Breton I., Can. [**24**-88 H2]; **10**-874c.
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— Vache, harb., Nfd. [**24**-93 B1].
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— Falls, Mo. [**24**-140 C4].
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Gripping beast style (decoration) **20**-49a.
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Griquaite **8**-915a; **7**-914d.
Griqualand, East, dist., Cape Col. [**24**-81 D4].
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— **EAST** and **GRIQUALAND** West, dist., U. of S.Af. **10**-899d; diamonds **21**-56d; **22**-424a.
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Grisonides (Alps) **1**-692d.
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—, Me. [**24**-96 D2].
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Gröbming, Aus. [**24**-50 C3].
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Groested, Den. [**24**-46 E2].
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— bindings **3**-857c.
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Groll, Holl. **11**-658c.
Grolley, Switz. [**24**-30 C3].
GROLMANN, KARL W. G. Von 10-903c.
Groma **21**-609d.
GROMATICI (AGRIMENsores) 10-903c.
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Grommet strap **13**-447c.
Gromwell **3**-893c.
Grön, sd., Den. [**24**-46 E4].
Gronau, Ger. [**24**-38 E1].
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Grondine, pt., Ont., Can. [**24**-90 B2].
Grondines, Que., Can. [**24**-89 B2].
Grong, Nor. [**24**-42 F4].
"Grongar Hill" (Dyer) **7**-795d.
Gröningen, Ger. [**24**-39 G2].
GRONINGEN, prov., Holl. [**24**-28 E1]; **10**-903d; **11**-647c; **11**-649b; map **16**-249c.
GRONINGEN, Holl. [**24**-28 E1]; **10**-904b; **11**-646b; **11**-657b; **7**-102c; univ. **22**-870d.
—, Minn. [**24**-135 F5].
GRONLUND, LAURENCE (Am.) **10**-904d.
Gronna, N.Dak. [**24**-136 E1].
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GROOM (servant) **10**-904d.
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—, E. Sus., Eng. **7**-868b.
Groome, Utah [**24**-152 A1].
Groomer **8**-165d.
Groom-porter **10**-905a.
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GROOT, GERHARD (preacher) **10**-905a; **4**-259d; **16**-53b.
—, Hugo de: *see* Grotius, Hugo.
—, Huig van: *see* Grotius, Hugo.
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— Constantia (Cape Col.) **6**-297c.
Groote, riv., Cape Col. [**24**-81 C4].
— Eylandt, isl., N.Aus. [**24**-167 F1; **24**-192 C1]; **4**-909d.
— Kerk (church, Deventer, Holl.) **7**-283b.
— Kerk (church, Haarlem): *see* St. Bavo.
— Kerk (church, Rotterdam) **19**-579a.
— Kerk (Nijmwegen, Holl.) **16**-448b.
— Pier: *see* Lange Pier.
— Zwarteberg, mts., Cape Col. **4**-777d.
Grootfontein, S.W.Af. (North) [**24**-81 B1].
—, S.W.Af. (South) [**24**-81 B3].
Groot Schuur, Cape Col., S. Af. **4**-791a.
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— Vloer, saltpan, Cape Col. [**24**-81 B4].
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Grooving saw **23**-726a.
Grorudite **18**-244a.
GROS, ANTOINE JEAN, baron **10**-905b; **17**-57a.
Gros, Taussaint **18**-641d.
—, mt., Fr. **16**-673a.
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GROSBEAK 10-905d.
Grosbous, Luxem. [**24**-29 D5].
GROSE, FRANCIS 10-905d.
Groseclose, Va. [**24**-110 C4].
Groseilliers, Medard C. **23**-681d; **4**-705b; **15**-562b.
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Grosing iron **21**-291d.
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Grosnez, Chan. Is. **5**-229c.
Gross, Hans **12**-560c.
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—, Neb. [**24**-139 F2].
—, Wash. [**24**-150 H4].
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— Almerode, Ger. [**24**-38 E2].
— Alsleben, Ger. [**24**-39 G2].
— Altdorf, Ger. [**24**-38 E4].
—Aspern, Aus.: *see* Aspern.
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Gross Bodungen, Ger. [**24**-38 F2].
— Bottwar, Ger. [**24**-38 E4].
— -Breitenbach Ger. **18**-353b.
— Burgwedel, Ger. [**24**-38 E1].
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Grossdietwill, Switz. [**24**-30 D2].
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Grosse, S.Dak. [**24**-137 E3].
—, isl., Magdalen Is., Can. [**24**-88 H1].
—, isl., Que., Can. [**24**-89 C2].
—Aue, riv., Ger. [**24**-38 D1].
Grosse Confession (Schwenkfeld) **20**-113b.
Gross Ehrich, Ger. [**24**-39 F2].
Grosse Margot, La (Villon) **23**-166a.
Grosse, Montagne, mt., W.I. **10**-927a.
Grosse Mühl, riv., Aus. [**24**-39 J5].
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Grossen Behringen, Ger. [**24**-38 F2].
Grossenbuseck, Ger. [**24**-38 D3].
Gross Engersen, Ger. [**24**-39 G1].
GROSSENHAIN, Ger. [**24**-39 J2]; **10**-906a.
Grosse rathe **21**-677d.
Grosser Feld Berg, mt., Ger. [**24**-38 D3]; **21**-835d.
Grosser Garten (park, Dresden) **7**-647b.
"Grosser Kurfürst" (ship) **23**-784c.
Grosser Ossa, Czech. [**24**-39 J4].
— Priel, mt., Aus. height **19**-916b.
Grosses Schauspielhaus (Berlin) Pl. IV. fig. 1 **22**-THEATRE.
Grosse Stadt (Zürich) **23**-995b.
Grosses vollständiges Universal Lexicon (Zedler): see *Universal Lexicon.*
GROSSETESTE, ROBERT 10-906a; **4**-770d; **2**-889d fol.
Grosse Tete, La. [**24**-121 C3].
Grosseto, dept., It. **12**-761c.
GROSSETO, It. [**24**-34 C3]; **10**-906d.
Grossetti (gen.) **9**-868d; **14**-931a.
Gross-fürst (title): *see* Grand-duke.
Grössfurstentum: *see* Transylvania.
Gross Gerau, Ger. [**24**-38 D4].
— Gleidingen, Ger. [**24**-38 F1].
— Glockner, mt., Aus. [**24**-50 C3]; **2**-740c.
— Görschen, battle of: *see* Lützen.
— Gundern, Ger. [**24**-39 K1].
— Heringen, Ger. [**24**-39 G2].
— -herzog (title): *see* Grand-duke.
— Ilsede, Ger. [**24**-38 F1].
GROSSI, TOMMASO 10-906d; **12**-747a.
Gross-Jagersdorf, Battle of **3**-479a.
— Keula, Ger. [**24**-39 F2].
— Kochberg, Ger. [**24**-39 G3].
— Lessen, Ger. [**24**-39 L2].
— Lübars, Ger. [**24**-39 H1].
GROSSMITH, GEORGE 10-907a.
—, **WEEDON 10**-907a.
Gross Münster **23**-995c.
Gross Nesthorn, mt., Switz. [**24**-30 D4].
Grosso, Niccoto **12**-675d.
Gross Oschersleben, Ger. [**24**-39 G1].
— Osingen, Ger. [**24**-38 F1].
— Priesen, Czech. [**24**-39 K3].
— Rachel, Ger. [**24**-39 J5].
— Räschen, Ger. [**24**-39 K2].
— Rudestedt, Ger. [**24**-39 G2].
— Salze, Ger. [**24**-39 G1].
— Särchen, Ger. [**24**-39 K2].
— tonnage **20**-556a.
Grossular **10**-28c; **10**-29b.
Grossularia: *see* Gooseberry.
Grossulariata **6**-946a.
Gross Umstadt, Ger. [**24**-38 D4].
Grossus denarius: *see* Groat.
Gross Wanzleben, Ger. [**24**-39 G1].
Grosswardein (treaty) **9**-165c.
Grosswardein, Rum.: *see* Oradea Mare, Rum.
Gross Wossek, Czech. [**24**-39 L3].
— Wudicke, Ger. [**24**-39 H1].
— Venediger, mt., Alps **1**-694d.
Grostenquim, Fr. [**24**-25 M3].
Grosvenor (fam.): *see* Westminster, Marquesses and Dukes of.
—, Richard, earl **23**-539b.
—, Sir Robert, 2nd earl **10**-102d; **23**-539b.
—, Sir Thomas, 3rd bart. **23**-539b.
—, O. [**24**-125 C4].
Grosvenordale, Conn. [**24**-101 E1].
Grosvenor House **14**-351d.
— Bridge, Chester, Ches., Eng. **5**-437d.
— Museum and School of Art **5**-438a.
Gros Ventre, mts., Wyo. [**24**-146 B2].
— Ventre, riv., Wyo. [**24**-146 B2].
— Ventre of the River (N. Am. Ind.): *see* Hidatsa.
GROS VENTRES 10-907b; **16**-529a.
Grot, Anton Pl. V. figs. 1, 2 **15**-MOTION PICTURES.
GROTE, GEORGE 10-907b; **8**-774a; **10**-779c; **18**-749c.
GROTEFEND, GEORG Friedrich **10**-907d.
Grotenburg, Ger. [**24**-38 D2].
GROTESQUE 10-908a; **2**-168a.
Groth, Klaus **10**-227d.
Grothus **8**-188b.
GROTIUS, HUGO 10-908a; anthology **2**-30a; apologetics **2**-115d; atonement **2**-652c; balance of power **2**-953d; Calvinists **7**-545b; contraband **6**-338c; ethics **8**-771c; international law **13**-200a; **12**-526c.
—, Marie Reigersberg **10**-908b fol.
Groto, Luigi **7**-591a.
GROTON, Conn. [**24**-101 D2]; **10**-909c.
—, Mass. [**24**-99 C1].
—, N.Y. [**24**-103 D3].
—, S. Dak. [**24**-137 F1].
— Academy: *see* Lawrence Academy.
Grotta Campana **23**-28d.
GROTTAFERRATA, It. **10**-909c.
Grottammare, It. [**24**-34 D3]; **17**-909d.
Grotte, La, Lausanne, Switz. **13**-772d.
Grotthus T. **8**-317c.
Grotto: *see* Cave and Cave Dwellings.
— delle Felci **4**-819c.
— of Isis: *see* Polledrara.
— of Sagea, Mal. Arch. **11**-110a.
— of the spring, Pal. **3**-526d.
Grottos of St. John **5**-16b.
GROUCHY EMMANUEL, marquis de **10**-909d; **23**-418d fol.; **23**-421c fol.; **23**-423b; **9**-829a.
—, Sophie de, marquise de Condorcet: *see* Condorçet, Sophie de.
Grouin, pt., Fr. [**24**-24 D3].
Groulx, Abbé Lionel **4**-717c.
Ground (elec.) **21**-888c.
— **(REASON) 10**-910b.
— act **4**-6b.
— **BASS 10**-909d; **22**-989d.
— **BEETLE 10**-909d; antennae fig. 5 **12**-406; coleoptera **6**-3a; fig. 5 **6**-3; fig. 2 **6**-2; head fig. 4 **12**-406; larva fig. 23 **6**-7.
— chain **1**-889d.
— Cherry **20**-938a.

Ground-chough **22**-622b.
— connection **14**-116c.
— delineation **14**-835c.
— dove **7**-559b.
Grounded Venetian **13**-565a.
Grounder **3**-166c.
Ground Game Act **6**-602b; **6**-768b; **10**-2d.
GROUND-HOG: *see* Woodchuck.
GROUND-HOG DAY 10-910a.
Ground holly: *see* Wintergreen.
— hornbill **11**-751b.
— -**ICE 10**-910a.
— Ivy **12**-847c.
— line (geom.) **7**-254d.
— moraines **10**-382a.
— -**NUT 10**-910b; **7**-844c; **20**-325c; *see also* Peanut.
Ground of Artes (R. Recorde) fig. 10 **1**-6.
— oil **16**-751a.
Ground parrot: *see* Kakapo.
— -**PEARL 10**-910b.
— **RENT 10**-910b.
— rope **20**-285d.
— rules (baseball) **3**-162c.
Grounds of Codrington College Pl. fig. 5 **23**-WEST INDIES.
Grounds and Reasons of Christian Religion (A. Collins) **6**-19d.
GROUNDSEL 10-910d; fig. 35 **9**-412.
Ground-shark: *see* Nurse hound.
— signals **20**-642d.
— sloth **7**-950b.
GROUND-SQUIRREL 10-911a.
— station direction finding **1**-229b.
— thread **23**-38c.
— water **17**-861c.
— water level: *see* Surface of saturation.
— wave **23**-666b; fig. 7 **23**-671.
— **WIRE 10**-911a; **8**-288d.
Group (mil.) **2**-410a.
— (zool.) **23**-975d.
Group, The (Warren) **3**-597a.
Group assurance **14**-52c.
— bonus **3**-856b.
— **CAPTAIN 10**-911a.
GROUPER 10-911a.
Group-flashing lights **14**-98c; **14**-93a.
Group food service **9**-461a.
— for the Emancipation of Labour **3**-824a.
Grouping in brick Pl. fig. 11 **11**-HOUSE PLANNING.
GROUP INSURANCE: *see* Life Insurance: *see also* **12**-453d.
— invariants **10**-916d.
— kinship **13**-405a.
— life insurance **14**-55a.
GROUP MARRIAGE 10-911a; **13**-405a.
— matrix **10**-916b.
— medicine **15**-197d.
— occulting lights **14**-98c.
— property **10**-911b.
GROUPS 10-911d; algebra **1**-608a; linear **10**-914d; projective geometry **10**-177c.
Group-velocity **14**-63a.
GROUSE 10-918c; **3**-680a; **18**-415c; **19**-814b; **20**-567d; Pl. I. fig. 12 **3**-BIRDS; Pl. III. fig. 11 **22**-UNITED STATES.
—, Ida. [**24**-145 E6].
— Creek, Utah [**24**-152 A1].
— Creek, mts., Utah [**24**-152 A1].
Grousillier, Hector de **3**-584c.
Grousset, Paschal **3**-840b.
Grout, Vt. [**24**-97 B3].
Grouting: *see* Cementation.
Grouw, Holl. [**24**-28 D1].
Groux, Charles de **17**-56b.
—, Henri de **17**-56c.
Grovania, Ga. [**24**-114 C4].
GROVE, SIR GEORGE 10-918d.
—, Harriet **20**-484c.
—, Philip **4**-716d.
—, **SIR WILLIAM ROBERT 10**-919a; **3**-214d.
—, Ill. [**24**-128 C3].
—, La. [**24**-121 A1].
—, Md. [**24**-109 D2].
—, Me. [**24**-96 E3].
—, Okla. [**24**-143 J2].
—, Pa. [**24**-106 C2].
—, Va. [**24**-110 H3].
GROVE (trees) **10**-919a.
— Beach, Conn. [**24**-101 C2].
— Center, Ky. [**24**-116 B3].
— City, Ill. [**24**-129 C4].
— City, Minn. [**24**-135 D6].
— **CITY**, Pa. [**24**-106 A2]; **10**-919b.
— City College **10**-919b.
— gas-battery **10**-919a.
Grove Hill, Ala. [**24**-118 B4].
Groveland, Ga. [**24**-114 E4].
—, Ill. [**24**-128 C3].
—, Kan. [**24**-142 E3].
—, Mass. [**24**-99 C1].
—, N.Y. [**24**-102 C3].
Grove of Anykščiai, The (Baranauskas-Baronas): *see* Anykščių Silelis.
Groveport, O. [**24**-125 C4].
Grover, F. W. **11**-200d.
—, William O. **20**-407c.
—, Colo. [**24**-147 F1].
—, N.C. [**24**-112 D2].
—, Pa. [**24**-107 E2].
—, S.C. [**24**-113 D3].
—, S. Dak. [**24**-137 G2].
—, Utah [**24**-152 C4].
—, Wyo. [**24**-146 B3].
—Hill, O. [**24**-124 A2].
Grovertown, Ind. [**24**-126 B1].
Grover washer **14**-276c.
Groves, A. N. **18**-93b.
Grove Spring, Mo. [**24**-140 E4].
Groveton, N.H. [**24**-97 C2].
—, Tex. [**24**-123 G4].
—, Va. **4**-375b.
Groveville, N. J. [**24**-105 B2].
Grovont, Wyo. [**24**-146 B2].
Grow, Tex. [**24**-122 D3].
Growing point: *see* Apical meristem.
Growler, Ariz. [**24**-149 B6].
Growmore, Wash. [**24**-150 E4].
GROWTH (biol.) **10**-919b; **14**-42d fol.; animals **10**-919c; anthropometry **2**-51a; **2**-56a; bio-chemical studies **3**-592b; birth to three years fig. 2 **10**-922; calorie needs **7**-356c; organic evolution **8**-918c; plants **10**-919b; **18**-3c; **18**-27b; prenatal figs. 1, 2 **10**-921-2; tissue culture **22**-248a fol.
— (philos.) **7**-298a.
Growth and Structure of the English Language (Jespersen) **13**-8d.
Growth of the Soil (Hamsun) **16**-561b.
GROYNE 10-923c; **13**-29c; **5**-925b fol.
Groyne, The, Sp.: *see* Coruna.
Grozier, E. A. **16**-356d.
Groznefft (U.S.S.R.) **19**-739d.
GROZNYI, U.S.S.R. **10**-923c; **6**-973c; **5**-332a.
Grștaneśvara (temple, Elūrā) **12**-223b.
Gruach **14**-548c.
Gruach (Bottomley) **18**-112c.
Grubb, Peter **130**-854b.
Grubbs, Del. [**24**-109 D1].
—, Ill. [**24**-129 C6].
Grubea limbata fig. 12B **1**-993.
Gruben, Switz. [**24**-30 D4].
Grubenhagen, Ger. [**24**-38 E2].
Grubenmann (sci.) **15**-329a.
Gruber (sci.) **19**-170b.
Grub Street Journal **14**-993c; **16**-341c.
Grudé, François: *see* Croix du Maine.
Grudziadz, Pol. [**24**-40 D2].
GRUDZIANZ, Pol. **10**-923d.
Grue, Nor. [**24**-43 F6].
Gruel, Guillaume **2**-460b.
— (food) **16**-662b.
Gruetli, Tenn. [**24**-117 F2].
Gruffudd ap Adda **23**-507d.
— ap Cynan **23**-506a.
— ap Davydd **23**-507b.
— ap Maredudd **23**-507b.
— ap yr Ynad Coch **23**-507a.
— Llwyd ap Davydd **23**-508a.
Gruffydd (prince) **7**-79b.
—, Ellis (writ.) **23**-508d.
—, Llewelyn ab: *see* Llewelyn ab Gruffyd.
— ap Conan **3**-106d.
— ap Cynan **23**-295d.
— ap Llywelyn **23**-295c.
— ap Rhys **4**-852b.
Grugru nut **16**-646b.
Gruidae **6**-634d.
GRUIFORMES 10-923d.
Gruinard, bay, Scot. [**24**-18 C4]; **19**-562d.
Gruissan, Fr. [**24**-27 G4].
—, lagoon, Fr. **2**-673b.
Gruit **3**-814a.
Grujić, Sava **20**-345c.
Grumant, archip., Arct.: *see* Spitsbergen.
GRUMBACH, WILHELM von 10-923d.
GRUMENTUM, Lucania **10**-924a.
Grün, Anastasius: *see* Auersperg, graf A. A. von.
GRUN, HANS BALDUNG 10-924b.
—, Karl **1**-875b.
—, Czech. [**24**-39 J4].
Grünberg, Brandenburg, Ger. [**24**-39 L2].
—, Hesse-Nassau, Ger. [**24**-38 D3].
GRUNBERG, Silesia **10**-924c.
Grundlinien der Philosophie des Rechts (Hegel) **11**-380c.
Grundlov **16**-553c.
Grundries der Geschichte der Philosophie (J. E. Erdmann) **8**-681b.
— *zur Geschichte der deutschen Dichtung* (Goedeke) **10**-468a.
Grundschule **7**-1001b.
Grundsunda, Swed. [**24**-42 J5].
Grundtvig (bp.) **7**-1004b.
—, **NIKOLAI F. S. 10**-924c; **7**-33c.
—, Svend H. **10**-924d.
Grundtvig's church (Copenhagen) **19**-116a.
GRUNDY, MRS. 10-925a.
—, **SYDNEY 10**-924d.
—, co., Ia. [**24**-138 E2].
—, co., Ill. [**24**-128 D2].
—, co., Mo. **22**-457a.
—, co., Tenn. [**24**-117 F2].
—, Mo. [**24**-140 D1].
—, Va. [**24**-110 B3].
— Center, Ia. [**24**-138 E2].
— Junction, Wis. [**24**-132 D4].
Grundzüge der physiologischen Psychologie (Wundt) **18**-712d.
Grüne Gewölbe (Royal Palace, Dresden) **7**-647c.
Grüne Heinrich, Der (Keller) **10**-227d.
Grünenberg, Konrad **22**-327d.
Grünerite (min.) **1**-840c.
Grünewald, Issac **17**-60a.
—, **MATHIAS** (Ger. paint.) **10**-925a.
— (battle): *see* Tannenberg.
Grungedal, Nor. [**24**-44 B2].
Grunhaus, vineyard, Ger. **15**-842b.
Grüningen, Ger. [**24**-38 D3].
Grünsfeld, Ger. [**24**-38 E4].
Grünstadt, Ger. [**24**-38 D4].
Grunt (naut.) **14**-101a.
GRUNTER (GRUNT or **DRUM) 10**-925b.
Grünzel (econ.) **9**-743c fol.
Grup **20**-767a.
Grupius, Walter **12**-489d.
Grupont, Belg. [**24**-29 D4].
Gruppo della Voce **12**-748c.
— Piemontese **17**-832d fol.
Grus (astron.) **6**-313d; Pl. II. **21**-STAR.
— (bird) **6**-634d.
— americana: *see* Whooping crane.
— australis: *see* Native companion.
— canadensis: *see* Brown crane.
Grüsch, Switz. [**24**-31 H3].
Grushevka, U.S.S.R. [**24**-49 F5].
Grusinian version (N.T.): *see* Georgian version.
Grus mexicana: *see* Sandhill crane.
GRUTER (GRUYTERE) JAN 10-925b.
GRUYERE, dist., Switz. **10**-925c.
—, Switz. [**24**-30 C3]; **10**-925c.
Gruyère (cheese) **5**-333c.
GRUYTERE, JAN: *see* Gruter.
Gruz, Yugos. [**24**-52 C3].
Gruzia, rep., U.S.S.R.: *see* Georgia.
Grybów, Pol. [**24**-40 E4].
Grygla, Minn. [**24**-134 C3].
Gryle, lake, Scot. **10**-862a.
Gryllidae **16**-944d fol.; *see also* Cricket.
Grylloblattidae **16**-944b fol.
Gryllotalpa vulgaris: *see* Mole cricket.
Gryllus (Plutarch) **18**-91b.
Gryllus campestris (insect): *see* Field cricket.
— domesticus: *see* House cricket.
GRYNAEUS, SIMON 10-925c.
Gryon, Switz. [**24**-30 C4].
Gryparis, John **10**-847c.
Gryphaea angulata: *see* Portuguese oyster.
GRYPHIUS, ANDREAS 10-925d; **10**-223a.
GRYPHON: *see* Griffin.
Gryphus: *see* Griffin.
— vitrea Pl. fig. 8 **3**-BRACHIOPODA.
Grypskerk, Holl. [**24**-28 E1].
Gryptograph fig. 10 **5**-957.
Grysbok (zool.) **2**-22a.
Gryssler: *see* Gessler.
Grythyttehed, Swed. [**24**-45 F2].
Gschnitz glaciation **5**-825c.
Gsepreу, Hung. [**24**-50 E3].
Gshatsk, U.S.S.R. [**24**-48 D3].
GSTAAD, Switz. [**24**-30 C4]; **10**-926a.
Gsteig, Switz. [**24**-30 C4].
Gtębokie, Pol. [**24**-41 H1].
Guacamayo, mts., Ec. **1**-903d.
GUACHARO: *see* Oil-Bird: *see also* **23**-50d.
Guáchipas, riv., Arg., S.Am. **18**-43c.
Guacipati, Venez. [**24**-162 E2].
GUACO 10-926a.
GUADALAJARA, prov., Sp. [**24**-33 E2]; **10**-926b; **4**-990a, b.
GUADALAJARA, Mex. [**24**-158 D3]; **10**-926c.
GUADALAJARA, Sp. [**24**-32 E2]; **10**-926c.
Guadalaviar, riv., Sp. [**24**-33 F3]; **22**-943d.
Guadalcanal, isl., Pac.O. **20**-954a.
Guadalcanar, isl., Pac.O. **17**-8d.
Guadalcázar, dist., Mex. **19**-951a.
—, Mex. [**24**-158 D3].
Guadalete, riv., Sp. [**24**-32 D4]; **4**-512c fol.
Guadalevín, riv., Sp.: *see* Guadiaro.
Guadalhorce, riv., Sp. **14**-705a.
Guadalimar, riv., Sp. [**24**-33 E3]; **10**-927a.
Guadalmedina, riv., Sp. **14**-705b.
Guadalmez, riv., Sp. [**24**-32 D3].
Guadalope, riv., Sp. [**24**-33 F2]; **7**-882c.
GUADALQUIVIR, riv., Sp. [**24**-32 D4; **24**-178 D8]; **10**-927a; **6**-427d; irrigation **12**-691c.
—, Azores **2**-830a.
—, estuary **19**-950c.
Guadalupe, co., N.Mex. [**24**-148 E4].
—, co., Tex. [**24**-123 F5].
—, Calif. [**24**-155 C5].
—, Mex. [**24**-158 D3]; **15**-396d.
—, N.Mex. [**24**-148 E4].
—, ft., Mex. **18**-753d.
—, mt., Tex. [**24**-122 B4].
—, mts., N.Mex. [**24**-148 E6; **24**-188 E4]; **4**-879c; **16**-316d.
—, mts., Sp. [**24**-32 D3]; **8**-743b.
—, riv., Tex. [**24**-123 F5; **24**-189 G5].
Guadalupe Hidalgo, Treaty of **22**-803a; **19**-902a; **16**-270c.
— y Calvo, Mex. [**24**-158 C2].
Guadalupita, N.Mex. [**24**-148 D2].
Guadarrama, mts., Sp. [**24**-32 D2; **24**-178 D7]; **20**-281a.
—, riv., Sp. [**24**-178 D7].
— squirrel **21**-114c.
Guadeloupe, isls., Leeward Is., W.I. [**24**-157 F3].
GUADELOUPE, dist., W.I. **10**-927a; **13**-869b; **20**-395b; population **16**-501a; trade union statis. **22**-380d.
Guadeloupe to St. Nazaire (s.s. route) [**24**-22 B3].
Guader, Ralph de, earl of Norfolk: *see* Ralph de Guader.
GUADET, MARGUERITE E. 10-927d.
GUADIANA, riv., Sp. [**24**-32 D3; **24**-178 D8]; **10**-927d; **8**-743b.
— Alto, riv., Sp. **10**-927d.
— Bajo, riv., Sp. **10**-928a.
— Menor, riv., Sp. **10**-927a.
Guadiaro, riv., Sp. **19**-522c.
GUADIX, Sp. [**24**-32 E4]; **10**-928a.
— el Viejo, Sp. **10**-928a.
GUADUAS, Colom. **10**-928b.
GUAHIBAN (people) **10**-928b.
GUAIACOL (chem.) **10**-928b; **5**-27a; **7**-326c.
Guaiacolsalol (chem.) **5**-27b.
Guaiaconic acid **10**-929a.
Guaiaco-phosphal **5**-27a.
GUAIACUM (tree) **10**-928b.
— arboreum **10**-928c.
— officionale: *see* Lignum vitae.
— sanctum **10**-928c.
Guaifer: *see* Waifer.
Guaiamar (chem.) **5**-27b.
Guaiaretic acid **10**-929a.
Guaicuhy, Braz. [**24**-164 B4].
Guainía, riv., Colom. [**24**-162 D3].
Guajara, falls, Braz. [**24**-162 D6; **24**-190 C4].
—, mt., Teneriffe **21**-930c.
Guaju, riv., Braz. [**24**-164 D2].
Gual, Adrián **21**-163b.
Guala (card.): *see* Gualo, Cardinal.
Gualala, Calif. [**24**-154 B3].
Gualbert, St. John **22**-957a.
GUALDO TADINO, It. **10**-929a.
Guale, isl., Fla.: *see* Amelia, isl.
GUALEGUAY, Arg. **10**-929b; **8**-629.
GUALEGUAYCHU, Arg. [**24**-165 E3]; **10**-929b; **8**-629d.
Gualfin, Arg. [**24**-165 C2].
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Guillestre, Fr. [**24**-27 K3].
GUILLOCHE (arch.) **10**-970d.
Guillome, Abbé **4**-97b.
GUILLON, MARIE NICOLAS Sylvestre **10**-970d.
Guillon, Fr. [**24**-25 K4].
Guillotin, Dr. **10**-971b.
GUILLOTINE 10-971a; parliamentary **17**-323b.
Guilt **2**-142b; **12**-393a; **6**-712a.
Guimarães, Edward, duke of: *see* Edward, duke of Guimarães.
GUIMARAES, Port. [**24**-32 B2]; **10**-971c.
Guimaras, isl., **P.I.** [**24**-73 B3].
Guimaras, str., **P.I.** [**24**-73 B3].
GUIMARD, MARIE MADEleine **10**-971d.
Guimauve (bot.): *see* Marsh mallow.
Guimerá, Angel **21**-163a.
Guimet museum **17**-291b; **22**-185c fol.
Guimi, Fr.W.Af. [**24**-80 B2].
Guimilian, Fr. **4**-630a.
Guin, Ala. [**24**-118 B2].
Guina, falls, Af. **20**-327c.
Guinan, P.I. [**24**-73 C3].
Guinand, P. **10**-419d.
Guinare, Ky. [**24**-116 H3].
Guinart, Roque **4**-146d.
GUINEA, region, Af. **10**-971d; **9**-178c; **16**-614c.
—, Va. [**24**-110 G2].
—, gulf, Atl.O. [**24**-76 C5; **24**-185 D5].
GUINEA (coin) **10**-972b; spade **21**-108d; Pl. VI. fig. 15 **16**-NUMISMATICS.
— Cabral, Gulf, Braz. **4**-56c.
Guinea corn: *see* Indian millet.
Guinea current **2**-636d.
GUINEA-FOWL 10-972c.
— goat **10**-457b.
Guinea grains: *see* Grains of Paradise.
Guinea grass **10**-656d; **15**-500d; **17**-184c.
— green B (dye) **7**-806a.
Guinea pepper: *see* Cayenne pepper.
GUINEA-PIG 10-972d; *see also* Cavy.
— -squash: *see* Egg-plant.
— trade **20**-561c.
GUINEA-WORM (disease) **10**-972d; **17**-270a.
Guinée Française: *see* French Guinea.
Guinegate, Fr. **3**-239a.
Guines, comte de **14**-883a.
GUINES, Cu. [**24**-157 B2]; **10**-972d; **6**-833d.
Guines, Fr. [**24**-24 G1].
Guinevere (Tennyson) **21**-940c.
GUINGAMP, Fr. [**24**-25 B3]; **10**-973a.
Guinicelli, Guido **12**-739b.
GUINNESS (fam.) **10**-973a.
—, Sir Arthur Edward, baron Ardilaun: *see* Ardilaun.
— Edward Cecil, earl of Iveagh: *see* Iveagh.
GUINOBATAN, dist., **P.I. 10**-973b.
Guion, Ark. [**24**-120 D2].
— Ind. [**24**-126 A3].
— Tex. [**24**-123 E3].
Guiot de Provins **6**-176b.
Guipavas, Fr. [**24**-25 A3].
Guipure (lace) **13**-568c.
GUIPUZCOA, Prov., Sp. [**24**-33 E1]; **10**-973b; **3**-185a; dialect **3**-184d.
Guira (ornith.) **6**-844d.
Güiraldes, Ricardo **21**-150b.
Guiraut de Borneil **18**-639a.
— de Calanson **22**-499a.
— de Riquier **22**-499a fol.
Guiriri, riv., Braz. [**24**-163 B3].
Guiroga, Horacio **21**-150c.
Guisane, riv., Fr. [**24**-27 K3]; **7**-751b.
Guisards: *see* Mummers.
Guisarme: *see* Gisarme.
GUISBOROUGH (GUISbrough), Yorks., Eng. [**24**-13 C3]; **10**-973d.
Guiscard, Robert: *see* Robert Guiscard.
Guiscard, Fr. [**24**-25 J2].
GUISE, HOUSE OF 10-973d; **19**-112b; genealogy **10**-976.
—, Anne d'Este, duchess **10**-974c.
—, Catherine of, duchess Montpensier: *see* Catherine (Guise).
—, Charles, 4th duke **10**-977c.
—, Charles of Lorraine, duke **13**-160b.
—, Claude (Lorraine), 1st duke **10**-974a.
—, Elizabeth, duchess **16**-909b.
—, Francis (Lorraine), 2nd duke **10**-974b fol.; **16**-910d; Metz **9**-621d fol.
—, Henry (Lorraine) 3rd duke **10**-975c fol.
—, Henry, 5th duke **10**-977c.
—, Louis, 2nd card.: *see* Louis, 2nd card. of Guise.
—, Louis Joseph, 6th duke **10**-977c.
—, Marie (Lorraine), duchess **10**-977c; *see also* Guise, Fr.
GUISE, Fr. [**24**-25 J2]; **10**-973d.
— (battle, 1914) **9**-873a; **13**-706d; **10**-973d; **23**-753d.
—, ft., Fr. **9**-865a.
Guiseaux, Fr. [**24**-27 J1].
Guiseley, Eng. [**24**-14 B2].
Guiseppe del Gesù: *see* Guarnieri, Giuseppe.
Guise rebellion **13**-13d.
Guisisil, volcano, Nic. [**24**-159 G5].
Guist, Eng. [**24**-14 D3].
Guisto da Guanto: *see* Justus of Ghent.
GUITAR 10-977d; **5**-727a; **21**-475a.
Guitar, English (instru.): *see* Cittern.
GUITAR FIDDLE 10-978a; **23**-176c.
Guitar violoncello: *see* Arpeggione.
Guiteau, C. J. **10**-25b.
Guitres, Fr. [**24**-26 C2].
GUITRY, LUCIEN G. 10-978b.
—, **SACHA 10**-978c.
GUITTONE D'AREZZO (It. poet) **10**-978c; **12**-739c; sonnet rules **20**-997d.
—, Fra: *see* Guido of Arezzo.
GUIZOT, FRANCOIS P. G. 10-978c; Louis Philippe **9**-647a; Orléanists **16**-908a; Palmerston **7**-863d.
Guizot, Maurice G. (Fr. au.) **21**-757a.
GUJARAT, dist., India [**24**-67 B2]; **10**-980a; arch **12**-223b; art **12**-217d; Bombay **3**-832c; philol. **12**-240d.
GUJARATI AND RAJASthani Languages **10**-980b; **12**-239b; Parsees **17**-339d; Sindhi and Lahnda **20**-708c.
Gujari (dialect) **16**-541d.
Gujari Mahall (palace, Gwalior) **12**-224c.
Gujars (Indian tribe) **18**-773b.
GUJRANWALA, Punjab, India [**24**-65 C2]; **10**-981c.
GUJRAT, Punjab, India [**24**-65 C2]; **10**-981c.
Gujrat (Gujarat) (battle, 1849) **7**-546c; Sikh war **20**-651c.
Gul, riv., Nor. [**24**-42 E5].
GULA (myth.) **10**-981d; **2**-858b.
— (zool.) **12**-407a.
Gulabi Bagh (gardens, Lahore) **13**-289a.
Gulab Singh (raja of Jammu) **18**-774a; **13**-290d fol.
Gulampaja, mts., Arg. **5**-22b.
Gulapo, Tanganyika Terr. [**24**-83 G3].
Gulargambone, N.S.W., Austr. [**24**-171 J3].
GULBARGA, India [**24**-67 C3]; **10**-982a.
Gulbin, riv., Nig. [**24**-80 F3].
Gulbransson, O. **4**-950d; Pl. II. fig. 4 **4**-CARTOON.
Gülch, Ger.: *see* Jülich.
Guldberg, Frederik H. **1**-898a.
Guldborg, Den. [**24**-46 D4].
—, fjord, Den. [**24**-46 D4].
GULDEN (Du. coin) **10**-982b; 11-654b; **5**-121d.
— (Ger. coin) **7**-507a.
Güldenes Schatzkästlein der Kinder Gottes (Bogatzky) **3**-778c.
Guldenmann, Catherine: *see* Kepler, Catherine G.
Gulder (tide) **8**-480b.
Guldin, Paul (math.) **17**-241a.
Guldinus (math.) **15**-254a.
Guldinus' Theorems (math.) *see* Pappus, Theorems of.
Gule, mt., Af. **1**-312a.
Gulek Boghaz, pass, Asia M.: *see* Cilician Gates.
Gulen, Nor. [**24**-44 A1].
Guler, Wash. [**24**-150 D5].
Gules (heraldry) **11**-467b.
Gulf, co., Fla. [**24**-115 C2].
—, N.C. [**24**-112 F2].
—, W.Va. [**24**-111 B4].
—, isl., Me. **2**-667d.
— (geog.) **16**-681a.
— Coast lines (rys.) **15**-614c.
Gulfcrest, Ala. [**24**-118 A4].
Gulf Crossing, La. [**24**-121 B1].
GULFPORT, Miss. [**24**-119 C5]; **10**-982c.
Gulf Ports, dist., Pers. **9**-100d; **14**-162c.
—, Ports, dist., U.S. **22**-728d.
— **STREAM** (N. Atl. current) **10**-982d; **2**-636c.
— Stream drift (physiog.) **2**-636d.
— Summit, N.Y. [**24**-103 E3].
GULFWEED (seaweed) **10**-982d; **2**-636d; **19**-998c.
Gulgong, N.S.W., Austr. [**24**-171 J4].
Gulhané - hatti - humayouni (Turk. decree) **22**-609a.
Gulhaneh, Hatti-i Sherif of (Turk.) **2**-379b.
Guli, mt., Arab. **11**-119b.
Guliche, Ger.: *see* Jülich.
Gulielmus Peregrinus **18**-106a.
Gulimin, Mor. [**24**-78 C2].
Gulistan, India [**24**-65 B2]; **19**-916c; Peace of (1813) **5**-58a; **17**-594b.
Gulistān (Sa'dī) **19**-807a.
Gulittash: *see* Kulittash.
Gulja, China: *see* Ili.
Gulkana, Alsk. [**24**-156 M5].
Gul Koh, mts., Asia **13**-236a.
Gull, Sir William **16**-55d.
—, cove, Nfd. [**24**-93 D3].
—, isl., Avalon Penin., Nfd. [**24**-93 D3].
—, isl., Lake Michigan, Mich. [**24**-130 F4].
—, isl., Lake Superior, Mich. [**24**-130 C1].
—, isl., Notre Dame Bay, Nfd. [**24**-93 C2].
—, lake, Can. [**24**-91 C3].
—, lake, Can. [**24**-91 H2].
GULL (sea-bird) **10**-982d; Pl. I. fig. 16 **3**-BIRDS; Pl. II. figs. 1-6 **9**-FLIGHT; **8**-26b, d; Pl. III. **17**-PHOTOGRAPHIC ART.
GULLAH (negro tribe) **10**-983a.
Gullane, Scot. [**24**-12 B1].
Gullewa, W. Aus., Austr. [**24**-168 B4].
Gulley traps **19**-946d.
Gulling, Oreg. [**24**-151 H2].
Gulliver, Mich. [**24**-130 E3].
Gulliver's Travels (Swift) **8**-589c.
Gullogherboy, mt., Sligo, Ire. **20**-796d.
Gull's disease: *see* Myxoedema.
Gull's Hornbook, The (Dekker) **7**-146c.
GULLSTRAND, ALLVAR 10-983b; **3**-586c.
Gully, James M. (Brit. hydropathist) **11**-996d.
GULLY, JOHN 10-983c.
—, Minn. [**24**-134 C4].
Gulo: *see* Wolverene.
Gulo luscus: *see* Glutton.
Gulose (chem.) **4**-832a.
GULPAIGAN, prov., Pers. **10**-983c.
Gulpen, Holl. [**24**-29 D4].
Gulsh, Nfd. [**24**-93 C3].
Gulu, Ugan. [**24**-83 F2].
Gum, Ill. [**24**-129 D5].
— (bot.) **18**-35c.
— (wood): *see* Satin walnut.
G.U.M., (U.S.S.R. trading corp.) **19**-709a.
Guma, Fr. W. Af. [**24**-80 B2].
—, Sin-Kiang. [**24**-68 B4].
Gum acacia: *see* Gum arabic.
Gum accroides (chem.) **19**-211a.
Gumach Dagh, mt., Turk. As. **3**-394a.
Gumal, riv., Afg.: *see* Gomal.
GUM AMMONIAC: *see* Ammoniacum.
— **ARABIC 10**-983c.
Gumbad-i-Kabuz, Pers. [**24**-63 D1].
Gumbai Uchuia (fan) **9**-665b.
Gumbardo, Queens., Austr. [**24**-169 B4].
Gumbari, Bel. Cong. [**24**-83 E2].
GUMBEL, KARL W. VON, baron (Ger. geol.) **10**-983c.
GUM BENJAMIN: *see* Benzoin.
Gum-Bichromate process (phot.) **17**-831b fol.
GUMBINNEN, Ger. [**24**-40 F1]; **10**-983d.
Gumbo, S. Dak. [**24**-137 B2].
—, plains, Neb.: *see* Pierre Shale, hills.
GUMBO (plant) **10**-983d.
— (soup) **21**-38c.
Gumbu, Fr. W. Af. [**24**-80 C2].
Gum-cistus (plant) **8**-743b.
Gumel, Nig. **13**-294a.
Gumencestre, Hunts., Eng.: *see* Godmanchester.
Gumenek, Turk. **6**-89d.
Gumeri (Af. tribe) **21**-865d.
Gumma (path.) **22**-282a.
—, prefecture, Jap. **12**-915d.
Gummata (tumors) **23**-43a.
Gümmenen, Switz. [**24**-30 C3].
Gummere, F. B. **2**-994c.
Gummersbach, Ger. [**24**-38 C2].
Gummi, Nig. [**24**-80 F3].
GUMMIC ACID: *see* Arabic acid.
Gummite (min.) **17**-970a.
Gum Neck, N.C. [**24**-112 J2].
Gumo, Nig. [**24**-80 E3].
Gum resins: *see* Myrrh.
GUMS (chem.) **10**-984a.
Gum senegal (chem.) **12**-361a.
— Spring, Ala. [**24**-118 C1].
— Springs, Ark. [**24**-120 B3].
GUMTI, riv., India [**24**-183 F3]; **10**-984d; Bareilly **3**-107d.
Gum tragacanth **21**-1002a.
— trees: *see* Eucalyptus.
GUMULJINA (KOMOTINA), Gr. [**24**-55 D2]; **10**-984d.
GUMUS (Af. tribe) **10**-984d.
GUMUSH KHANEH, Turk. As. [**24**-59 H2]; **10**-984d.
Gum-waste (silk) **20**-674b.
Gumwhinton, Eng. [**24**-13 B3].
GUN (weapon) **10**-985a; air-gun **1**-457b; armour **2**-394a; arquebus **2**-426c; construction **16**-860a; fog signal **14**-100c; long-range **2**-470b; naval **5**-918b fol.; smooth-bore period **16**-857a; *see also* small arms.
— (Jap. administrative division) **12**-916a.
—, laying the (mil.) **20**-635c.
GUNA, India [**24**-67 C2]; **10**-988a.
Guna, mt., Aby. **1**-70c fol.
Guna (philos.) **12**-251b.
Gun and Pistol **12**-561b; **20**-802b; Maxim silencer **15**-118b; sport **1**-827d.
Gunboats **10**-690a; **23**-777b.
Gunbower, co., Vict., Austr. [**24**-170 F5].
Gunby, Frank M. **21**-40c.
Gun camera (phot.) **17**-805a.
Gun carriage (mil.) **16**-866b.
GUNCOTTON 10-988a; **8**-987c fol.; Sir F. A. Abel **1**-32b.
Gunda, Kenya [**24**-83 G3].
Gundagai, N.S.W., Austr. [**24**-171 J5]; **16**-331d.
Gundahar (k. Burgundy) **23**-793b; *see also* Gunthacarius.
Gundam, Fr. W. Af. [**24**-80 D2].
Gundelach, Franz **10**-403c; Pl. VI. fig. 6 **10**-GLASS.
Gundelfingen, Ger. [**24**-38 F5].
Gundelfinger, Siegmund **14**-303b.
Gundelsheim, Ger. [**24**-38 E4].
Gunder Booka, co., N.S.W., Austr. [**24**-171 G2].
Gunderic (of Burgundy) **4**-406a.
Günderode, Karoline von **2**-420c.
Gunderup, Den. [**24**-46 C2].
Gundi (animal) fig. 1 **9**-937.
Gundibald (of Burgundy) **4**-406a.
Gundicar (of Burgundy): *see* Gundahar.
Gundioc (Burgundian k.) **5**-851b.
Gundis (rodent) **19**-374d.
Gundisalvi, Dominicus **2**-191b.
Gundlakamma, riv., India **11**-6b.
Gündlingen, Ger. **2**-254d.
Gundobada, lex: *see* Burgundionum, lex.
Gundobald (Burgundian prince) **5**-851b; *see also* Gundibald.
Gun dog (animal) **20**-569b.
GUNDULIC, IVAN (Serb. poet) **10**-988b.
Gundulph (bp. of Rochester) **8**-448a; **19**-363a.
Gun fire **2**-473d.
Gun Forging Pl. I. **16**-ORDNANCE.
Gunga (drug) **11**-421b.
GUNG'L, JOSEPH (Hung. comp.) **10**-988c.
Gungunyana (chief) **10**-82c.
Gungunyana's Ford (S. Af.) **14**-136b.
Gun Hill Road, N.Y. [**24**-104 E2].
Gunib, U.S.S.R. **6**-973c.
Gunig su, riv., Mesop. **8**-817b.
Gunisao, lake, Man., Can. [**24**-91 G3].
—, riv., Can. [**24**-91 G3].
Gunja (drug): *see* Bhang.
Gunji Sanglin (Jap. army) **12**-921d.
Gunkel, H. **18**-663a.
Gunlaying (mil.) **16**-870b.
Gunlock, Utah [**24**-152 A5].
Gunma, preft., Jap. [**24**-75 I.5].
Gunmaker's formula (firearms) **16**-862a.
Gunmaking (craft) **10**-986b.
GUN-METAL (alloy) **10**-988d; **4**-240a.
Gunn, Mrs. Aeneas **2**-739b.
—, M. **2**-616a.
—, William **9**-470d.
—, Minn. [**24**-134 E4].
—, Wyo. [**24**-146 C4].
—, City, Mo. [**24**-140 C3].
Gunnar (Burgundian k.) **20**-646c; **16**-408a; *see also* Gunther.
Gunnbjörn skerries (Viking geog.) map **1**-750.
Gunnbjörnskiær, isls., Atl. O. **2**-290b.
Gunnbjörn Ulfsson (Norse navig.) **2**-290b.
Gunnedah, N.S.W., Austr. [**24**-171 K3]; **16**-331d.
Gunnell Hall (Cambridge, Eng.): *see* Gonville and Caius College.
Gunnel loading (mil.) **4**-140c.
Gunner (mil.) **2**-464c.
Gunnersbury park, Mdx., Eng. **7**-823b.
Gunners quadrant **21**-823a.
GUNNERY, NAVAL 11-1a.
Gunning, Elizabeth, duchess of Hamilton: *see* Argyll.
—, Austr. [**24**-171 J5].
Gunnislake, Eng. [**24**-17 B4].
Gunnison, co., Colo. [**24**-147 D3].
—, Colo. [**24**-147 D3].
—, Miss. [**24**-119 B2].
—, Utah [**24**-152 C3].
—, isl., Utah [**24**-152 B1].
—, riv., Colo. [**24**-147 B3]; **6**-43b fol.
Gunnison (tunnel, U.S.) **22**-567d.
Gunnlaug (Ice. poet) **12**-49b.
Gunnlaug Serpents-Tongue, The story of (saga): *see* Gunnlaugssaga Ormstungu.
Gunnlaugssaga Ormstungu (Ice. lit.) **19**-813a.
Gunn Memorial library (Washington, Conn.) **15**-941a.
Gunomys (rodent genus) **19**-374a.
Gunong (mt.), e.g. Gunong Batu Puteh, Gunong Tahan, etc.: *see* Batu Puteh, Tahan, etc.
— Api, isl., Dutch East Indies [**24**-72 E5]; **3**-22c.
— Tahan (reserve, Mal. Penin.) **10**-6c.
GUNPOWDER 11-3b; engine fuel **12**-496d; charcoal **5**-244b; fortification **9**-527a; mil. tactics **21**-744c.
— Falls, riv., Md. [**24**-109 C1].
GUNPOWDER PLOT (1605, Eng.) **11**-4d; Digby **7**-374a;

Garnet **10**-27d; Guy Fawkes **9**-125b; Monteagle **15**-754b; R. Catesby **5**-30a.
Gun Sen (fan) **9**-65c.
Gunshot wounds **23**-800b.
Gun sight (mil.) **16**-870b.
Gunsteinsson, Berg **12**-54a.
Gunstett, Fr. **23**-798a fol.
Gunta Alamat (Bor. bells) **4**-284d.
Guntakal, India [**24**-67 C3].
Gunten, Switz. **22**-168b.
GUNTER, EDMUND (Eng. math.) **11**-5c.
—, Oreg. [**24**-151 B4].
—, Tex. [**24**-123 F3].
Gunter, the (math.): *see* Gunter's scale.
Gunter's chain (surveying) **11**-5d.
Günter-Schultze (phys.) **8**-260c fol.
Guntershausen, Ger. [**24**-38 E2].
Gunter's line (math.) **11**-5d.
— quadrant (math.) **11**-5d.
— scale (math.) **11**-5d.
Guntersville, Ala. [**24**-118 C1].
Gunthacarius (Burgundian k.) **10**-255b.
Günther (Burgundian k.) **20**-646c; **16**-408d; *see also* Gunnar.
— (myth.) **23**-317a.
—, **JOHANN CHRISTIAN 11**-5d.
— **OF SCHWARZBURG** (Ger. k.) **11**-5d.
Gunthigis (chief) **13**-149c.
Guntown, Miss. [**24**-119 D1].
GUNTRAM (k. of Burgundy) **11**-6a; **9**-710b; **5**-845d.
Guntram (the Rich) **11**-56d fol.
Guntram (opera, Strauss) **21**-464c.
GUNTUR, India [**24**-67 D3]; **11**-6a.
Guntz, A.N. **12**-647d.
Günük, Asia M.: *see* Xanthus.
Gunung Agung, etc. (mts.): *see* Agung, etc., Gunong.
— Sugi, Sum. [**24**-72 C4].
Gunzenhausen, Ger. [**24**-39 F4].
Gunz glaciation (geol.) **5**-825c.
Günz-Mindel stage (geol.) **12**-474a; **5**-825c.
Günz stage (geol.) **12**-473d.
Guðmundsson, Valtýr **12**-56a.
Guorthigirnus (k., Britons): *see* Vortigern.
Guð run: *see* Kriemhild.
Gupis (ft., India) **10**-352a.
Guppy, H. B. **6**-422b fol.
Guprum, Utah [**24**-152 B2].
GUPTA, SIR KRISHNA G. (Indian states.) **11**-6b.
—, Samarandranath **12**-218d.
— (Indian dynasty) **12**-187b; arch. **12**-222c; art **12**-216b; Ne-Muni founded **16**-223b.
— empire **2**-911c.
— era (chron.) **5**-657b.
— Temple (Sanchi, India) il. **19**-929.
Gur, Pers.: *see* Firuzabad.
GURA, EUGEN 11-6b.
—, mt., Bor. [**24**-72 E3].
Guragalbina, Rum. [**24**-53 E2].
Guralones, Rum. [**24**-53 B2].
Gurais, India [**24**-65 C2].
Gurao, Fr. Equat. Af. [**24**-82 C1].
—, Fr. Sud. [**24**-80 D2].
Gurapay, riv., Bol. [**24**-162 E7].
Gurara, oases, Alg. [**24**-78 E3; **24**-184 D3]; **19**-816d.
—, Sebkha of, lake, Sah. [**24**-78 D3].
Gurbun Sai khan, mts., Mong. [**24**-68 G3].
Gurda (Kurds): *see* Kurds.
Gurdan, Ark. [**24**-120 B4].
Gurdane, Oreg. [**24**-151 F2].
GURDASPUR, India [**24**-65 D2]; **11**-6c.
Gurgan, riv., Pers. [**24**-63 D1]; **17**-549c.
GURGAON, India [**24**-65 D3]; **11**-6c.
Gurgin Khan **17**-591a.
Gurgueia, mts., Braz. [**24**-164 B3].
—, riv., Braz. [**24**-163 D4].
Gurha, India [**24**-65 C3].
Gurlev, U.S.S.R. [**24**-49 H5].
Gurjara (dynasty) **3**-834d.
Gurjistan: *see* Georgia U.S.S.R.
Gurjun balsam: *see* Wood oil.
GURKHA (Hindu caste) **11**-6d; knife: *see* Kukri.
GURKO, OSSIP V. 11-6d.
—, **VASILI 11**-7a.
Gurla Mandhata, mt., Tib. [**24**-65 E2].
Gur languages (Af.) **1**-333a.
Gurley, Ala. [**24**-118 C1].
—, Neb. [**24**-139 B3].
—, S.C. [**24**-113 F3].
Gurleyville, Conn. [**24**-101 D1].
Gurly, Lucinda E.: *see* Shaw.
Gurmai (Af. tribe) **6**-977b.
Gurmette (native, Port. Guin.) **18**-289b.
Gurmukhi (Sikh script) **20**-647b; **17**-186d.
GURNARD (fish) **11**-7a.
Gurnee, Ala. [**24**-118 B2].
—, Ill. [**24**-128 E1].
GURNEY (Eng. fam.) **11**-7a.
—, **EDMUND 11**-7b.
—, Francis **3**-106c.
—, Goldsworthy **14**-105c.
—, Joseph J. **2**-116c; **9**-850d.
—, Ill. [**24**-128 B4].
—, Wis. [**24**-132 C3].
Gurneyites (rel.) **9**-853b.
Gurnigel, Switz. **15**-531c.
Gurre (tribe) **13**-340d.
Gursten inscription **21**-654d.
Gurten, mt., Switz. [**24**-30 C3].
Gürtler, Alfred **2**-772d.
Guru, Tib. [**24**-66 B1].
— (nut): *see* Kola nut.
Gurū (Sikhism) **20**-647b.
Gurub, Egy. **17**-244b.
Gurudwara, India: *see* Dehra.
Gurū matta (Sikh council) **20**-648b.
Gurum Nor, Mong. [**24**-69 J2].
Gurumukhī (lang.) **12**-239d.
Gurupá, Braz. [**24**-163 B3].
Gurupy, Braz. [**24**-163 C3].
—, cape, Braz. [**24**-163 C3].
—, riv., Braz. [**24**-163 C3].
Gurūs (Indian) **4**-980d.
Guruvāra (Hindu Thursday): *see* Brihaspativāra.
GURWOOD, JOHN 11-7b.
Guryev, port, U.S.S.R. **13**-304a.
Gusau, Nig. [**24**-80 F3].
Gusher, Utah [**24**-152 E2].
Gusht, Pers. [**24**-63 E3].
GUSLA (GUSLI) (mus. instru.) **11**-7c.
GUSLI (mus. instru.): *see* Gusla.
Gusoku (armour) **12**-917d.
Gusow, Ger. [**24**-39 K1].
Guspini, Sard. [**24**-35 B5].
Gussub millet (grain) **3**-916a.
Gust (wind) **21**-269a.
Gustafsson, Col. (pseud.): *see* Gustavus IV. (of Swed.).
Gušťanj, Yugos. **23**-921b.
Gustavus Vasa (play, Brooke) **4**-253c.
Gustave, S.Dak. [**24**-137 A1].
"Gustave Zedé" (submarine) **21**-492c fol.
Gustavian period **21**-656d.
GUSTAVUS I. (ERIKSSON) (Swed.) **11**-7c; **21**-648b.
GUSTAVUS II. (ADOLPHUS) 11-8b; **21**-651b; army **2**-403b; Lützen **14**-501a; Poland **18**-140d; Thirty Years' War **22**-137c fol.; **10**-268c.
GUSTAVUS III. 11-10a; **21**-618b; lit. **21**-657a.
GUSTAVUS IV. 11-11c; **21**-651a.
GUSTAVUS V. 11-11d.
— **ADOLPHUS UNION** (Ger. society) **11**-12a.
— Selenus (pseud.): *see* Augustus, duke of Brunswick.
— Vasa (Swed. k.): *see* Gustavus I.
—, O. [**24**-124 E2].
Gustedt, Jenny von **4**-46d.
Güsten, Ger. [**24**-39 G2].
Gustine, Calif. [**24**-154 C4].
—, Tex. [**24**-123 E2].
Guston, Ky. [**24**-116 D3].
GUSTROW, GER. [**24**-36 F2]; **11**-12a.
Gut, The, chan., North S. [**24**-177 G2].
Guta, Czech. [**24**-51 E3].
Gutaeans (tribe) **17**-565d.
Gutenberg, B. **7**-832d fol.
—, **JOHANN 11**-12b; **9**-995c; printing **18**-499d
Gutenberg Bible **11**-12c; sale price (1847) **3**-862c; sale price (1884) **3**-862b; (print.) Pl. I. **18**-PRINTING.
Gutenfürst, Ger. [**24**-39 G3].
GUTERBOG: *see* Jüterbog.
Güterglück, Ger. [**24**-39 G2].
GUTERSLOH, Ger. **11**-13c.
Güterwelt **20**-912c.
Guth, Pa. [**24**-107 F3].
Guthfrithson, Anlaf **8**-483d fol.
Guthorm (myth.) **16**-408a.
Guðrøðr (Vestfold) **7**-866b.
GUTHRIE, SIR JAMES 11-13c.
—, James **21**-412c.
—, **THOMAS ANSTEY 11**-13d.
—, co., Ia. [**24**-138 C3].
—, Ariz. [**24**-149 F6].
—, Ill. [**24**-128 D3].
—, Ind. [**24**-127 B4].
—, Ky. [**24**-116 C4].
—, Minn. [**24**-134 D4].
—, Mo. [**24**-141 E3].
—, N.Dak. [**24**-136 D2].
GUTHRIE, Okla. [**24**-143 F3]; **11**-13d.
—, Scot. [**24**-18 F5].
—, Tex. [**24**-122 D3].
— Center, Ia. [**24**-138 C3].
Guthriesville, S.C. [**24**-113 C2].
GUTHRUM (GODRUM) 11-13d; **7**-858b
Gutierrez, A. Garcia **7**-594a.
—, Juan M. **21**-150a.
—, Nájera Manuel **21**-150b.
—, Nicolás **4**-595d.
—, Rafael L. **11**-713d.
—, Mex.: *see* Tuxtla Gutierrez, Mex.
Gütige, Der (nick.): *see* Ferdinand I. (Aus. emp.).
Gutingi, Ger.: *see* Göttingen.
Gutium, dynasty of **2**-846a.
—, anc. dist., Pers. **13**-415a.
GUTSCHMID, ALFRED, baron von **11**-14a.
Gutschoven, G. van **6**-891a.
GUTS-MUTHS, JOHANN C. F. 11-14a.
GUTTA (arch.) **11**-14a.
Guttannen, Switz. [**24**-31 E3].
GUTTA PERCHA 11-14b.
Guttenberg, N.J. [**24**-104 C3].
—, Ia. [**24**-138 F2].
GUTTER (arch.) **11**-15a.
—, cast **14**-85a.
Guttera cristata (guinea-fowl) **10**-972d.
Guttorm (hero) **20**-646c.
Gutu, S. Rhod. [**24**-81 E1].
— (people) **13**-520d.
Gutun Owain **23**-508b.
Gutzeit's test (chem.) **2**-435d.
GUTZKOW, KARL FERDINAND 11-15a.
GUTZLAFF, KARL FRIEDRICH August (Ger. missionary) **11**-15b.
Guua, mt., Aby. [**24**-79 D5].
Guvejа, Port. E. Af. [**24**-81 E1].
Guwagalang, cavernous hole, Java **5**-417d.
Guy, St. (Sic. martyr): *see* Vitus, St.
Guy I. II., (counts of Blois) **3**-738d.
— (k. of Cyprus) **14**-489d.
— VI. (of Luxembourg) **19**-853d.
— (of Burgundy): *see* Calixtus II. (pope).
— (of Dampierre): *see* Guy (of Flanders).
— of Flanders) **9**-357c.
— (of Hainaut) **1**-852a.
— earl of Warwick: *see* Warwick, Guy, earl of.
— (archbp. of Vienne): *see* Calixtus II. (pope).
— (bp. of Holl.) **11**-669b fol.
—, Bernard **12**-378d.
—, John **16**-202d.
—, **THOMAS 11**-15c.
— de Couci: *see* Coucy, le
— de Lusignan (k. Jerusalem) **6**-796; history **6**-782c; **6**-784c, 785b; Pal. **17**-131b; **2**-966d.
— of Arezzo (It. mus.): *see* Guido of Arezzo.
— of Chatillon, count of Blois: *see* Blois.
— **OF WARWICK 11**-15d.
—, Ark. [**24**-120 C2].
—, Ky. [**24**-116 D3].
—, N.Mex. [**24**-148 F2].
—, Tex. [**24**-123 G5].
Guy: *see* Stay.
Guyandot, riv., W.Va. [**24**-111 A3].
GUYAU, JEAN MARIE 11-15c.
Guyaz, Ida. [**24**-145 G6].
Guyd-homme: *see* Guidon.
Guye, P. A. **21**-427d; atomic weights **2**-649d.
Guyencount, Del. [**24**-109 D1].
Guyenne, prov., Fr.: *see* Guienne.
Guyhirne, Eng. [**24**-14 D3].
"Guy McKinney" **11**-770d.
Guymon, Okla. [**24**-143 B2].
GUYNEMER, GEORGES 11-15c.
CUYON, JEANNE M. B. DE la M. 11-16a.
—, Louis **18**-862d fol.
—, **RICHARD D. 11**-16b.
GUYOT, ARNOLD H. 11-16b.
— **YVES 11**-16c.
—, glacier, Alsk. [**24**-156 N6].
—, mt., Tenn. [**24**-117 H2].
— de Provins **14**-637c.
Guyra, N.S.W., Austr. [**24**-171 K3].
Guys, Tenn. [**24**-117 C2].
Guysborough, dist., Can. [**24**-88 H3].
—, N.S., Can. [**24**-88 H3].
Guy's Cliffe (hermitage, Warwick, Eng.) **23**-378a.
— Hospital (Lond.) **11**-793b.
Guys Mills, Pa. [**24**-106 B2].
— Mills, Wis. [**24**-133 C6].
Guy's pill (med.) **7**-444d.
Guysville, O. [**24**-125 D4].
GUYTON DE MORVEAU, Louis B. 11-16d.
Guz (measure) **15**-139d fol.
Guzanu, prov., Mesop. **15**-296a.
Güzel Hissar, Asia M.: *see* Tralles.
Guzerāti (lang.) **3**-404d.
Guzla, la (Mérimée) **15**-279b.
Guzman, Alonso **15**-208b.
— (El Bueno), Don Alonso P. de, 7th duke of Medina Sidonia: *see* Medina Sidonia.
—, **BLANCO ANTONIO 11**-17a.
—, Don Gaspar de (of Olivares): *see* Olivares.
—, Felipe **3**-820c.
—, Fernán P. de **3**-595b.
—, Juan A. de, count of Niebla: *see* Niebla.
Guzmán de Alfarache (nov., Alemán) **1**-554a; **17**-906a.
Guzman, Mex. [**24**-158 D4].
—, lake, Mex. [**24**-158 C1].
GUZMICS, IZIDOR 11-17b.
Gvan, Cu. [**24**-157 B2].
Gwa, India [**24**-66 C3].
—, riv., Bur. **2**-211b.
— (tribal group) **14**-794c.
Gwani, S. Rhod. [**24**-81 D1].
Gwabegar, N.S.W., Austr. [**24**-171 J3].
Gwadar, India [**24**-65 A3].
GWADUR, Bal. **11**-17b.
Gwait, A.E.Sud. [**24**-83 F1
Gwaja Shima, isl., Jap. [**24**-75 F9].
Gwalchmai: *see* Gawain.
— (Welsh bard) **23**-506d.
—, Wales [**24**-16 B1].
Gwalia, Gr. Brit.: *see* Wales.
GWALIOR, state, India [**24**-67 C1; **24**-64 E3]; **11**-17b.
—, India [**24**-65 D3]; **11**-17c; **8**-368a; palaces **12**-224c sculpture **12**-216c; pier from Brahmanical temple il. **17**-915.
Gwalther, Rudolph **23**-657d.
Gwanda, S. Rhod. [**24**-81 D2].
Gwangwara: *see* Angoni.
Gwari, Nig. [**24**-80 F4].
Gwassan, Jap. [**24**-75 L4].
Gwatar, Pers. [**24**-63 E3]; **17**-603b.
GWATKIN, HENRY MELVILL 11-18c.
Gwbert-on-Sea, Wales [**24**-16 B2].
Gweebarra, bay, Ire. [**24**-20 C2]; **7**-527a.
—, riv., Ire. [**24**-20 C2].
GWEEDORE, Ire. [**24**-20 C1]; **11**-18c.
—, bay, Ire. [**24**-20 C1].
Gweek, Eng. [**24**-17 A4].
Gwelo, S. Rhod. [**24**-81 D1].
Gwely (serf) **20**-359d.
Gwendolen, Oreg. [**24**-151 E2].
Gwened, Fr.: *see* Vannes.
Gwenlwyfar: *see* Guenevere.
Gwennap, Eng. **14**-196d.
Gwent (Welsh king.) **15**-727a.
Gwentian code **23**-511a.
Gwerzion Breiz-Izel (ballads, Luzel) **4**-97c.
Gwespyr sandstone **9**-380c.
Gwillim Ddu: *see* Pembroke.
GWILT, JOSEPH 11-18c.
Gwinn, Mich. [**24**-130 D3].
Gwinner, N.Dak. [**24**-136 G3].
GWINNETT, BUTTON 11-18d.
Gwinnett, co., Ga. [**24**-114 B3].
Gwithian, Corn., Eng. [**24**-17 A4].
G. W. R. (Brit. ry.): *see* Great Western Railway.
Gwrach y Rhibyn (banshee) **3**-79a.
Gwreans an Bys (play, Cornish lit.) **6**-447a.
Gwyddelwern, Denbigh, Wales [**24**-16 C1].
Gwydir, riv., N.S.W., Austr. [**24**-171 J2]; **15**-617b.
Gwyllgi (Welsh folklore) **3**-110c.
Gwyllingues, Yorks., Eng.: *see* Gilling.
GWYN, NELL (ELEANOR) 11-18d; Hart **11**-224d; **21**-931c; Ken **13**-322b; Earl of Dorset **7**-543c.
Gwynedd (Welsh princes) **15**-281a.
—, prov., Wales **23**-506a.
—, Pa. [**24**-107 F3].
GWYNIAD (zool.) **11**-19b.
Gwynnant, lake, Wales **14**-248d.
Gwynne, H. A. **16**-338c.
Gwyr, dist., Wales: *see* Gower.
Gy, Fr. [**24**-25 L4].
Gyakovo, Yugos: *see* Jakova
Gyala Peri, mt., India **3**-1017a.
Gyalpos (princes) **20**-651b.
Gyamda, riv., India **3**-1017a
Gyandromorph **20**-409c.
GYANTSE, Tib. [**24**-66 B1] **11**-19b.
Gyaros, isl., Gr. [**24**-55 D4] **8**-968b.
Gybson, Thomas **6**-205b.
Gye, William E. **9**-238c; cancer research **4**-737a.
Gyergyo Szent Miklos, Rum. *see* Gheorgheni, Rum.
Gyetva, Czech.: *see* Dětva
GYGES (Lydian k.) **11**-19c **2**-569b; Colophon **6**-42a Psammetichus **8**-75c.
Gyimes Pass, Eur. **4**-907c.
Gylberde, William: *see* Gilbert, William.
Gylcheed, Wales [**24**-16 C2].
Gyldeford, Sur., Eng.: *see* Guildford.
Gyldendal Prize (lit.) **7**-35c.
Gyldenlöve, Ulrik C. **5**-284a.
Gyldenlöve, fjord, Green. ma **2**-295 (G5).
Gyldenstjerne **7**-210c.
Gyle, riv., Scot. **13**-206a.
Gyles, Henry **21**-295b.
GYLIPPUS 11-19c; Syracus **21**-710c; Peloponnesian Wa **17**-454b; Sicilian expeditio **20**-606d.
Gylland, penin., Eur.: *see* Jutland.
GYLLEMBOURG - EHRENSVÄRD, Thomasine Christine baroness **11**-19d; **7**-33d.
Gyllenborg, G. F. count **21**-656c; **6**-688a.
Gyllenborg, Karl. **21**-647c.
GYLLENSTJERNA, JOHAN count **11**-19d.
Gylling, Den. [**24**-46 C3].
Gymel (mus.): *see* Ghimel.
GYMKHANA (sport(s) **11**-20
Gymnarchidae **9**-313d fol.
Gymnasiarch **11**-20b.
Gymnasio Nacional (Rio Janeiro) **19**-315c.
GYMNASIUM: *see* Gymnastics and Gymnasium.
— Aegidianum (Nuremberg *see* Altdorf (university).
Gymnastic Federation, International **11**-21d.
GYMNASTICS AND GYMNASium 11-20a; exercises **1**856c; Germany educ. **1**653b; **7**-1000c; Greece 614c; **20**-98d; **16**-780a; Gut Muths **11**-14a; Sweden II. fig. 4 **7**-EDUCATION
Gymnasticus (Philostratus) **17**-763a.
Gymnema lactiferum (bot. *see* Cow-plant.
Gymnesiae Insulae, Medit.: *see* Balearic lands.
Gymnoblastea (zool.) **12**-4d
Gymnocerata **11**-417b.
Gymnocladus dioica (tree *see* Kentucky coffee-tree.
Gymnodactylus platyurus (zool.) **10**-84b.
Gymnodinium (biol.) **18**-632
Gymnogramma (bot.): *see* Gold fern.
Gymnogyps Californianus: *see* Californian vulture.
Gymnolaemata **18**-195a.
Gymnophiona: *see* Coecilia
Gymnophthalmus **14**-246d.
Gymnosarda: *see* Bonito.
Gymnosomata **10**-62b fol.
GYMNOSOPHISTS 11-22c.
GYMNOSPERMS (bot.) **1**22d; **18**-1d; Jurassic **1**194b; Palaeozoic **17**-7seed **20**-274b.
Gymnosporangium (bot.) 934d; **17**-419d.
Gymnostinops montezu (bird): *see* Oropendola.
Gymnotiformes (fish) **9**-315

Gymnura: *see* Rat shrews.
Gymodinium aeruginosum (protozoa) fig. 17 **18**-626.
GYMP (cord): *see* Gimp.
GYMPIE, Queens., Austr. [**24**-169 D4]; **11**-34d.
Gynaeceum (arch.) **11**-812a.
GYNAECOLOGY (med.) **11**-34d; **15**-251c fol.; **15**-532a; ovariotomy **16**-974d; recent research **15**-185c.
Gynandrium (bot.) **9**-414a.
GYNANDROMORPH (biol.) **11**-39c; **20**-409c.
Gynandrous stamen (bot.) **9**-413b.
Gynecia (Wolf) **11**-35a.
Gynerium (bot.) **10**-654d.
Gynerium argenteum (bot.): *see* Pampas grass.
Gynobasic style (bot.) **9**-414d.
Gynoecium (bot.): *see* Pistil.
Gynomonoecism (biol.) **11**-503c.
Gyobingauk, Bor. **22**-19b.
Gyoele, Som., Eng.: *see* Yeovil.
Gyōgi Bosatsu (priest) **12**-932b.
Gyoma, Hung. [**24**-51 G3].
GYONGYOS, Hung. [**24**-51 F3]; **11**-39d.
—, riv., Hung. **11**-39d.
GYONGYOSI, ISTVAN **11**-39d; **11**-893c.
GYOR (Raab), Hung. [**24**-51 E3]; **11**-39d.
Gyorgoszentmiklos, Rum.: *see* Gheorgheni, Rum.
GYP (Fr. writ.) **11**-40a.
Gypaetus barbatus: *see* Lämmergeyer.
— barbatus grandis: *see* Bearded vulture.
Gyp company (fraud) **9**-707c.
Gyphtos (ethnol.): *see* Gypsies.
GYPSIES (ethnol.) **11**-40b; congress (1906) **11**-41d; Moldavia **21**-485b; Hungarian Pl. IV. figs. 6, 7 **11**-HUNGARY; language: *see* Romany language.
Gypsum, Alsk. [**24**-156 O8].
—, Colo. [**24**-147 D2].
—, Kan. [**24**-142 E3].
—, O. [**24**-124 C2].
—, Oreg. [**24**-151 H3].
GYPSUM (min.) **11**-42d; brewing waters **4**-102b; Cheshire **5**-423a; hardness **1**-61b; **10**-93d; **15**-525d; crystall. **6**-817c fol.; cement **5**-110c; plaster of Paris **18**-39b; Egypt Pl. I. fig. 9 **20**-SCULPTURE; **19**-899a; *see also* Alabaster.
Gypsy: *see* Gypsies.
—, W.Va. [**24**-111 C2].
— flower: *see* Hound's-tongue.
— MOTH (insect) **11**-43c; **8**-623a; fig. 37 **13**-955.
Gyraldus, Lilius Gregorius: *see* Giraldi, Giglio Gregorio.
Gyratio (ceremony) **6**-457d.
Gyration (phys.) **14**-60d; polarization **14**-70a.
Gyrator washer (mech.): *see* Agitator washer.
Gyrfalcon (bird) **9**-43c.
Gyrinus (insect): *see* Whirligig beetle.
Gyrla, geyser, Ice. Pl. fig. 7 **10**-GEYSER.
Gyrn ddu, mt., Wales **4**-891d.
Gyro axis (mech.) **11**-46d fol.
GYRO-COMPASS (GYROscopic Compass) (instru.) **11**-44a; **1**-229a; gyroscope **11**-48a.
Gyrocotylidae (tapeworm) **21**-804a; **22**-450d fol.; **13**-194a.
Gyroidal class (crystall.): *see* Plagihedral class.
Gyromagnetic effects (phys.) **14**-664a.
Gyron (heraldry): *see* Giron.
Gyrophora (bot.) **14**-34a.
— esculenta (bot.) **14**-34a.
Gyro-pilot (instru.) **11**-49a; Pl. II. **11**-GYRO-COMPASS.
GYROPLANE **11**-45c; **1**-466b; helicopter principle **11**-395b.
Gyro rudder control **1**-230b.
GYROSCOPE **11**-46a; **7**-811b; Foucault **8**-551b; ship **20**-522c; Sperry **21**-208d; torpedoes **22**-301d.
GYROSCOPIC COMPASS: *see* Gyro-compass.
— inertia (mech.) **11**-46c.
Gyro-stabilizer (instru.) **11**-48a.
Gyrostat (mech.): *see* Gyroscope.
Gyro track recorder (mech.) **11**-48d.
— turn indicator **1**-230a.
— wheel **11**-44b fol.
Gyrstinge, Den. [**24**-46 D3].
Gyrus dentatus (anat.) fig. 8 **4**-13.
— lingualis fig. 8 **4**-13.
Gyrvii (ethnol.) **9**-163c.
Gyrwas (tribe) **11**-930c.
Gysinge, Swed. **8**-335a.
GYTARAH BARBARYEH: *see* Kissar.
GYTHIUM, Gr. [**24**-54 C4]; **11**-49c.
Gyula, Treaty of (1541) **14**-992d.
Gyula Fehérvar, Rum.: *see* Alba Iulia, Rum.
Gyulai (Aus. comm.) **12**-750d.
Gyulai, Paul **14**-625a.
Gyuld, Hung. [**24**-51 G3].
Gyves: *see* Fetters and Handcuffs.
Gyving (yachting) **23**-868d.
Gzhat, riv., Rus. **20**-843c.

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H (letter) **11**-50a; derivation **1**-683b.
h. (abbrev.) **1**-24d.
H (chem.): *see* Hydrogen.
H (mus.) **11**-50c; **2**-833c.
ha. (abbrev.) **1**-24d.
Ha, Bhutan **3**-496c.
Haab (chron.): *see* Tun.
Haag (phys.) **2**-1005a.
—, **CARL** **11**-50c.
—, Switz. [**24**-31 G2].
HAAKON I. (Nor.) **11**-50d.
— III. (Nor.) **11**-50d.
— IV. (the Old) **11**-50d; Innocent III. **12**-369d; Hebrides expedition **11**-374a.
— V. **16**-552a; Shetland **20**-502a.
— VI. (Nor.) **16**-552a.
— VII. (Nor.) **11**-51a; **16**-556b.
—, co., S.Dak. [**24**-137 C2].
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Haapai, isls., Pac. O. **17**-12c.
Haapsalu, Est. [**24**-47 B1].
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Haase, E. (nat.) **15**-519d.
—, **FRIEDRICH** **11**-51d.
—, **FRIEDRICH G.** **11**-52a.
—, **HUGO** **11**-52a.
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Haast, N.Z. [**24**-173 B5].
—, mt., N.Z. [**24**-173 B6].
—, riv., N.Z. [**24**-173 B5].
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HABABS (ethnol.) **11**-52b.
HABAKKUK (O.T.) **11**-52b.
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Habanera (dance) **21**-786a.
Habāsah (b. Yūsuf) **9**-116a.
Habashat (tribe) **8**-778d.
Habatonka, Mo. [**24**-140 E4].
Habay, Belg. [**24**-29 D5].
Habban, Arab. [**24**-62 D5].
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Habbaniya, Al, lake, 'Iraq [**24**-61 A3].
Habberton, Ark. [**24**-120 A1].
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HABDALA: *see* Kiddūsh and Habdāla.
Habe (ethnol.): *see* Dogon; Hausa.
— (dynasty) **20**-936a.
HABEAS CORPUS (law) **11**-53a; Confederate States **6**-228b; Magna Carta **14**-632c; Roman law **23**-809a.
— Corpus Acts: (1641, Eng.) **11**-53c; (1679, Eng.) **11**-53c; **23**-366d; (1861, Eng.) **11**-54a; (1862, Eng.) **11**-54d.
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— blephariglottis: *see* White-fringed orchis.
— ciliaris: *see* Yellow-fringed rein-orchis.
— conopsea: *see* Scented orchis.
— dilatata: *see* White bog orchis.
— elegans: *see* Slender white orchis.
— lacera: *see* Ragged orchis.
— leucophaea: *see* Prairie fringed orchis.
— leucostachys: *see* Sierra rein-orchis.
— Menziesii: *see* Oval-leaved rein-orchis.
— orbiculata: *see* Round-leaved orchis.
— psychodes: *see* Purple-fringed rein-orchis.
— rotundifolia: *see* Round leaved rein-orchis.
— unalaschensis: *see* Western green orchis.
— viridis: *see* Frog orchis.
"Habeneck" (violin) **21**-446d.
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Haber-Bosch Process (chem.) **16**-472a; **18**-457c.
HABERDASHER **11**-55d.
Haberdashers' Company (Lond.) **11**-55d; **14**-236d.
HABERL, FRANZ X. **11**-55d.
HABERLANDT, GOTTLIEB **11**-56a.
HABERMANN, HUGO FREIherr von **11**-56a.
Habersham, Ga. [**24**-114 C2].
Habhel (fruit) **13**-185d.
Habīb ibn Aus: *see* Abū Tammām.
Habibullah (amir) **1**-290d; **1**-31c.
Habichtsburg (castle, Switz.) **20**-70c; *see also* Habsburg.
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Habid, el, Sah. [**24**-78 C3].
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HABIT **11**-56b.
— (biol.) **13**-607d.
— (crystall.) **6**-822b.
— (psych.) **11**-56b; **5**-242c; **6**-164d; **7**-425a; **12**-320b.
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HABITAT **11**-56b; anthro. **2**-46b; biol. **7**-917c.
Habitations à bon Marché, Sociétés d' (Fr.) **11**-839a.
Habitual drunkard (law) **12**-317a.
— **OFFENDERS** (law) **11**-56b; classification **12**-559d.
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Habrobracon (wasp) **11**-486a.
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Hachette, J. N. P. **8**-142d.
HACHETTE, LOUIS C. F. **11**-61b.
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Hachijo-shima, isl., Jap. **12**-848b.
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— (myth.): *see* Ojen Tenno.
Hachinohe, Jap. [**24**-75 M3].
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H-acid **16**-73d.
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—, Minister of **7**-939c.
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— (curling) **6**-876d.
Hackberry, Ariz. [**24**-149 B3].
—, Kan. [**24**-142 B3].
—, La. [**24**-121 A4].
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Hackensack (N.Am. Indians) **11**-61c.
—, Minn. [**24**-134 D5].
HACKENSACK, N.J. [**24**-105 B2]; **11**-61c.
—, riv., N.J. [**24**-104 B4].
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Hacketstown, Ire. [**24**-21 E4].
HACKETT, JAMES H. **11**-61d.
—, Ark. [**24**-120 A2].
Hackettstown, N.J. [**24**-105 B2].
Hacking (football) **9**-474c.
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Hack-saw (tool) **20**-27d.
Hackspill, L. **4**-527c.
Hackston, David **6**-870c.
Haco (Scot. k.) **13**-415c.
Hacoda, Ala. [**24**-118 C4].
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Hada Kawatsu (Jap. dram.) **7**-580d.
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HADFIELDS, LIMITED **11**-63b; **8**-444c.
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—, riv., Arab. [**24**-62 E4]; **11**-63c.
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HADING, JANE **11**-64b.
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"Hadleigh Castle" (Constable) **6**-293c.
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—, George **15**-343b.
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—, **JAMES** **11**-65a.
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—, **JACQUES FRANCOIS F. Elie** (comp.) **11**-90b.
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—-uncial (writ.) **17**-100d.
Halfway, Colo. [**24**-147 H4].
Half Way, Me. [**24**-96 C4].
Halfway, Mich. [**24**-131 J7].
—, Mo. [**24**-140 D4].
—, Oreg. [**24**-151 H3].
—, Wyo. [**24**-146 B3].
—, isl., Reindeer Lake, Sask., Can. [**24**-91 F2].
—, mt., Nfd. [**24**-93 B2].
—, riv., B.C. Can. [**24**-92 E3].
Halfway Covenant (theol.) **8**-20b.
Halgam, isl., Pac.O.: *see* Uvéa.
HALHED, NATHANIEL Brassey 11-91c.
Hāli (poet) **11**-576b.
Hali, Arab. [**24**-62 C4].
Haliaeetus albicilla: *see* Erne (bird).
— leucocephalus: *see* Bald eagle.
— pelagicus: *see* Eagle.
Halias vanaria: *see* V-moth.
HALIBURTON, THOMAS Chandler (writ.) **11**-91d; **4**-715c.
—, co., Ont., Can. [**24**-90 C2].
—, Ont., Can. [**24**-90 C2].
Halibut, pt., Mass. [**24**-99 D1].
HALIBUT (fish) **11**-91d; **9**-324d; **1**-942b; **4**-700d.
Haliçah: *see* Halisah.
HALICARNASSUS (Budrum), Asia M. [**24**-58 B4]; **11**-91d; map **19**-501 (H4); Alexander the Great **1**-567d; mausoleum **10**-801c; **10**-813d; *see also* Mausoleum of Halicarnassus.
Halichaerus: *see* Grey seal.
Haliclystus (zool.) **5**-967c.
Halicore: *see* Dugong.
— australis: *see* Australian dugong.
— dugong: *see* Indian dugong.
— tabernaculi: *see* Red Sea dugong.
Halicryptus (zool.) **18**-466d.
Halictus (zool.) **3**-303a.
HALICZ, Pol. [**24**-41 G4]; **11**-92b.
Halide (chem.) **6**-403a.
HALIDON HILL, BATTLE of **11**-92c; Douglas **7**-551b.
HALIFAX, CHARLES MONTAGUE, earl of **11**-92c.
—, **GEORGE MONTAGU Dunk**, 2nd earl of **11**-93b.
—, **GEORGE SAVILE**, 1st marquess of **11**-93b; **8**-587c.
—, co., N.C. [**24**-112 H1].
—, co., N.S., Can. [**24**-88 F4].
—, co., Va. [**24**-110 F4].
—, Kan. [**24**-142 F3].
—, Mass. [**24**-99 D2].
—, N.C. [**24**-112 H1].
HALIFAX, N.S., Can. [**24**-88 F4]; **11**-94b; **4**-697a fol.; s.s. route to Glasgow [**24**-2 K2].
—, Pa. [**24**-107 E3].
—, Queens., Austr. [**24**-169 C2].
—, Va. [**24**-110 F4].
—, Vt. [**24**-97 B4].
HALIFAX, Yorks., Eng. [**24**-14 B2]; **11**-94d; **18**-218b.
—, bay, Queens., Austr. [**24**-169 C2; **24**-192 D1].
—, harb., N.S., Can. [**24**-88 F4]; *see also* Chebucto, bay.
— Bay (lang.) **2**-737d.
— gibbet **10**-971b.
— law **14**-526a.
Halil Edhem Bey **11**-119b.
Halil Rud, riv., Pers. [**24**-63 D3].
Halimat el-Kabu, mt., Syr. **13**-852d.
Halimeda (bot.) **1**-596a.
Halimochirurgus (fish genus) **9**-325c.
Halimus, anc. Attica map **2**-659.
Haliotis (zool.) **10**-60a; abalone **1**-7d; fossils **17**-105d; *see also* Ormer.
Halirrhothius (myth.) **2**-312b.
HALISAH (bibl. law) **11**-95b.
Hali San, mt., Kor. **18**-840c.
Halistemma (zool.) **12**-6a.
Haliston, Corn., Eng.: *see* Helston.
Halite (chem.): *see* rock salt.
Halitherium (palaeon.) **22**-701d.
Halivah, Utah [**24**-152 A5].
Halk el Wad, N.Af.: *see* Goletta.
Halkett, Sir Colin **11**-95c.
—, F. G. **11**-95c.
—, **HUGH**, Freiherr von **11**-95c.
—, cape, Alsk. [**24**-156 K1].
Halkin, mt., Wales **9**-380c.
Halkirk, Scot. [**24**-18 E3].
Hall, A. D. **19**-572a.
—, A. Oakey **16**-390b.
—, **ASAPH 11**-95c; Mars **2**-589d; **14**-959d fol.; Saturn **20**-7d.
—, **BASIL 11**-95d.
—, Sir Benjamin **23**-540c.
—, **CARL C. 11**-95d; **7**-214d.
—, **CHARLES F. 11**-96b; Arctic **2**-296c; **10**-857c.
—, **CHARLES M. 11**-96b; **1**-714a; **8**-333b; **3**-230b.
—, Chester M. **21**-906a.
—, **CHRISTOPHER N. 11**-96c.
—, Clark **2**-259d.
—, Sir Daniel **23**-562b.
—, David **9**-691d.
—, **EDWARD 11**-96c; Shakespeare **20**-439d.
—, E. H. **8**-192b.
—, Elizabeth **20**-437d.
HALL, FITZEDWARD 11-96d.
—, Frank **3**-722d.
—, George **9**-522d.
—, Gilbert P. Pl. I. fig. 2 **19**-RENDERING, ARCHITECTURAL.
—, **GRANVILLE STANLEY 11**-96d; **20**-913c; **7**-968c; **18**-716b fol.
—, **ISAAC H. 11**-97a.
—, **SIR JAMES** (Scot. geol.) **11**-97b; **17**-672b.
—, **JAMES** (Am. geol.) **11**-97c.
—, **JAMES** (Am. judge) **11**-97b.
—, Sir John **16**-402a.
—, **JOSEPH 11**-97d.
—, Lyman **7**-126a.
—, **MARSHALL 11**-98c.
—, Oliver **2**-159c.
—, P. A. **15**-540d.
—, **ROBERT 11**-98d; **3**-87d.
—, **SAMUEL C. 11**-99a.
—, S. R. **7**-995a.
—, Thomas **8**-294d; **22**-645a.
—, T. Y. **4**-529c.
—, V. C. **17**-812b.
—, William **20**-445d.
—, **WILLIAM E. 11**-99a.
—, co., Ga. [**24**-114 C2].
—, co., Neb. [**24**-139 F4].
—, co., Tex. [**24**-122 D2].
HALL (BAD-HALL), Aus. [**24**-50 B3]; **11**-99a; **15**-531b.
HALL, Ger. [**24**-38 E4]; **11**-99a.
—, Ind. [**24**-127 B3].
—, La. (Livingston co.) [**24**-121 D3].
—, La. (Red River co.) [**24**-121 A1].
—, Md. [**24**-109 C2].
—, Mont. [**24**-144 B2].
—, N.Y. [**24**-102 C3].
—, Tex. [**24**-123 E2].
—, W.Va. [**24**-111 C2].
—, basin, Arct.O. map **2**-295 (E1).
—, bay, Nfd. [**24**-93 B2].
—, ft., Ida. **18**-102d.
—, isl., Alsk. [**24**-156 E6]; **1**-499a.
—, sound, N.G. **17**-241c.
HALL (arch.) **11**-99b; **11**-813a.
— (plum) **18**-84d.
Halladale, riv., Scot. **21**-624a.
Halladay, Daniel **23**-647a.
Hallam, A. H. **21**-939a fol.
—, **HENRY 11**-99c.
—, H. F. **11**-99d.
—, John **11**-99c.
—, Lewis **16**-386d.
—, **ROBERT 11**-100a.
—, Pa. [**24**-107 E3].
Hallamshire, dist., Yorks., Eng. **20**-479b.
Halland, Eng. [**24**-15 D5].
—, co., Swed. [**24**-44 E3]; **11**-110c.
Hallania, isl., Arab. Sea [**24**-62 F4]; **13**-522a.
Hal-la-san, mt., Kor. **13**-486a.
Hallatte, forest, Fr. **20**-329a.
Hallback, mt., N.C. **2**-125d.
Halle, Adam de la: *see* Adam de le Hale.
HALLE, SIR CHARLES 11-100b; concerts **11**-100b.
Halle, Ernst von **17**-182b.
—, John **19**-887d.
—, Karl: *see* Hallé, Sir Charles.
Hälle, Sebastian **1**-821b.
HALLE, Ger. [**24**-39 G2]; **11**-100c; air lines map **1**-463; salt **20**-37b; university **11**-100d; **23**-692a; **22**-870b.
Halle-an-der-Saale, Ger.: *see* Halle, Ger.
Halleberg, mt., Swed. **10**-539d.
Halleby Aa, riv., Den. [**24**-46 D3].
Hallé Choir **5**-622a.
HALLECK, FITZ-GREENE 11-100d.
—, **HENRY W. 11**-101a; **1**-757c fol.
—, Nev. [**24**-153 E2].
Hall effect (elec.) **8**-192b; **8**-217c.
HALLEFLINTA (rock) **11**-101b; *see also* Granulite.
HALLEL (Jewish liturgy) **11**-101c.
Hallein, Aus. [**24**-50 C3].
Hallenberg, Ger. [**24**-38 F3].
Hallencourt, Fr. [**24**-24 G2].
HALLER, ALBRECHT VON (Swiss sci.) **11**-101c; **15**-202a.
—, Albrecht von (Ger. poet) **7**-343b; **10**-224a.
—, **BERTHOLD** (Swiss reformer) **11**-102a.
Hallermünde, A. von Platen:

see Platen-Hallermünde, A. von.
Haller's organ **20**-822b.
Hallerstein, Baron Haller von **1**-216d.
Hallett, Okla. [**24**-143 G2].
— Glacier, Colorado, Pl. II. fig. 1 **10**-GLACIER.
—, S.Aus., Austr. [**24**-170 D4].
Hallettsville, Tex. [**24**-123 F5].
Hallewyll, Esterházy of: *see* Esterházy, Bálint Jóseph (of Hallewyll).
HALLEY, EDMUND 11-102a; comet **11**-102a; **6**-100d fol.; constellations **6**-313b; declination **14**-638d; diving-bell **7**-449c; gravitation **2**-585c; **15**-781c; magnetic chart **6**-171b; maps **14**-844b; Newton **16**-362b fol.; St. Helena **19**-834a; solar radiation **15**-343b; stars **21**-318b.
—, Ark. [**24**-120 D4].
Halley's comet **6**-102c; **6**-100c; **15**-338d.
— Mount, hill, St. Helena **19**-834a.
Hallfred **12**-49b.
HALLGRIMSSON, JONAS 11-102b.
Halliard (naut.) **19**-306b.
HALLIDAY, ANDREW 11-102c.
—, Ark. [**24**-120 E1].
—, N.Dak. [**24**-136 B2].
Halliford, Queens., Austr. [**24**-171 K1].
Hallingdal, dist., Nor. [**24**-44 C1]; **20**-926a.
—, riv., Nor. [**24**-44 C1].
Hällingsä, fall, Swed. **21**-636d.
Hallingskarvet, Nor. [**24**-44 B1].
Hall-in-the-Wood wheel: *see* Spinning mule.
Hallison, N.C. [**24**-112 F2].
HALLIWELL - PHILLIPS, James O. 11-102c.
Hall Land, dist., Arct. [**24**-4 14]; Hall Land, Green. map **2**-295 (F1); **10**-859a.
Hallock, Minn. [**24**-134 B3].
Hall of Classics (Peking, China) **5**-514c.
— of Columns (Karnak) **13**-283d.
— of Hundred Columns (Pers.) **17**-563d.
HALLOWE'EN (ALL HALLOWS Eve) 11-102d; **23**-687b.
Hallowell, George H. **23**-411b.
—, Kan. [**24**-142 G4].
—, Me. [**24**-96 C4].
Hallowmass (rel. feast): *see* All Saints, Festival of.
Hall Ridge, Ill. [**24**-129 D6].
Halls, Mo. [**24**-140 C2].
—, Oreg. [**24**-151 C3].
—, Pa. [**24**-107 E2].
—, Tenn. [**24**-117 B2].
—, bay, S.Aus., Austr. [**24**-170 B5].
Hallsberg, Swed. [**24**-45 F2].
Hallson, N.Dak. [**24**-136 G1].
Hall's pulsometer (mech.) **21**-360b.
Hallstadt, Ger. [**24**-39 F4].
Hallstatt, Aus. [**24**-50 C3]; **2**-258a.
HALLSTATT (period) **11**-103a; **2**-253d fol.; **8**-843a; Britain **2**-258d; Ireland **12**-618a; La Tène **13**-739a.
Hallstead, Pa. [**24**-107 F2].
Hallström, Per (Swed. au.) **21**-658d fol.
Hallsville, Mo. [**24**-141 E2].
—, N.C. [**24**-112 H3].
—, Tex. [**24**-128 G3].
Hallton, Pa. [**24**-106 C2].
Halltown, Mo. [**24**-140 D4].
HALLUCINATION 11-105a; apparitions **2**-127b; defence mechanisms **7**-137a; delusion **7**-177b; dream **7**-638b; eidetic images **8**-112b; hypnosis **1**-51a; hysteria **12**-27b; insanity **12**-385d fol.; paranoia **17**-266b; spiritualism **21**-247a.
HALLUIN, Fr. 11-109c.
Hallum, Holl. [**24**-28 D1].
Hallux (anat.) **7**-296b; *see also* Great toe.
Hallwil, Switz. [**24**-30 E2].
—, lake, Switz. [**24**-30 E2].
Hallwood, Va. [**24**-110 J3].
HALM, CARL F. 11-109c.
—, Friedrich: *see* Münch-Bellinghausen, Eligius Franz Joseph, Freiherr von.
Halma, Minn. [**24**-134 B3].
HALMA (game) **11**-109c.
Halmaheran (lang.) **17**-241b.
HALMAHEIRA, isl., Mal. Arch. [**24**-72 G3; **24**-181 L8]; **11**-109d; **2**-877b.
Halmai, Mong. [**24**-69 H2].
HALMSTAD, Swed. [**24**-44 E3]; **11**-110c.
HALO 11-110d; **2**-641c.
Halōa (festival) **7**-179b.
Halobates (entom.) **11**-417c.
HALOGENS (chem.) **11**-111d; **5**-406c; compound **5**-375d; carriers **5**-371c derivatives **5**-369b; periodic law **17**-517c; qualitative test **5**-404c.
Halonawa, N.Mex. **23**-994b.
Halophila Engelmannii (bot.) **11**-976c.
HALOPHYTES (bot.) **11**-112a.
Halosauridae (zool.) **9**-317d.
Halosphaera (bot.) **1**-506b; **18**-616c.
Halowax oil **16**-898a.
Halpert, Samuel (paint.) **17**-64 Ca.
HALPHEN, LOUIS 11-112a.
Hals, Dirk **11**-113a.
—, **FRANS 11**-112b; work **17**-42d; **18**-266d; Pl. V. figs. 5 and 6 **17**-PAINTING; Pl. II. fig. 2 **18**-PORTRAIT PAINTING.
—, Den. [**24**-46 C1].
HALSBURY, HARDINGE S. G., 1st earl of **11**-113b.
Halsey, F. A. **23**-276c.
—, **SIR LIONEL 11**-113b.
—, Ky. [**24**-116 F4].
—, Neb. [**24**-139 D3].
—, N.J. [**24**-105 B1].
—, Oreg. [**24**-151 B3].
Halsi, India **3**-341a.
Hälsingborg, Swed. [**24**-44 E4]; **21**-639a.
Hälsingerunes (writing) **19**-664a; fig. 19 **19**-664.
Halskov Odde, cape, Den. [**24**-46 D3].
Halstad, Minn. [**24**-134 B4].
Halstan (Swed. k.) **21**-642b.
HALSTEAD, Ess., Eng. [**24**-15 D4]; **11**-113c; **8**-724d.
—, Kan. [**24**-142 E3].
Halsted Observatory (N.J.) **16**-673c.
Halston, riv., Tenn. [**24**-117 J1].
Halstow, Kent, Eng. **17**-988d.
Halswell, co., N.Z. [**24**-173 D5].
HALT (crippled) **11**-113c.
Hal Tarxien, Malta **14**-741a; Pl. I. figs. 1-6 **14**-MALTA.
Haltere (zool.) **22**-320d fol.
Halter imperatrix (zool.) fig. 2 **16**-263.
Haltern, Ger. [**24**-38 C2].
Halton, co., Ont., Can. [**24**-90 C3].
—, Lancs., Eng. [**24**-13 B3].
—, East, Lincs., Eng. [**24**-13 D4].
Haltonlee Gate, Eng. [**24**-13 B3].
Haltwhistle, Northumb., Eng. [**24**-13 B3].
Halul, isl., Arab. [**24**-62 E2]; **17**-603b.
HALUNTIUM, Sic. **11**-113c.
Halvad, India **7**-301d.
Halved (in golf) **10**-504a.
Halver, Ger. [**24**-38 C2].
Halving (arith.): *see* Mediation.
— (carpentry) **4**-912b.
Halvorsen, Otto **16**-557a.
Halwachs, W. L. F. **8**-253d fol.
Halwill, Eng. [**24**-17 B4].
Haly Abbas: *see* Alī ibn al Abbas.
HALYBURTON, JAMES 11-113d.
—, **THOMAS 11**-113d.
Halyikwamai **23**-925d.
Halys, riv., Asia M. **9**-970d; map **19**-501 (J3); battle (585 B.C.) **2**-378b; *see also* Kizil Irmak.
HAM (bibl.) **11**-113d; **16**-476b; **6**-901c.
HAM, Fr. [**24**-25 J2]; **11**-114a; Le Cateau (battle, 1914) **9**-873a.
—, Que., Can. [**24**-89 C3].
—, riv., S.W.Af. [**24**-81 B3].
HAM (food) **11**-114a; **2**-890d; constituents **7**-357b; cookery **15**-147b fol.
Hama, Jap. [**24**-74 K6].
HAMA, Syr. [**24**-58 G5]; **11**-115a.
Hamad, El, desert, Arab. [**24**-180 B5].
Hamada, Jap. [**24**-74 H6].
HAMADAN, prov., Pers. [**24**-63 B1]; **11**-115a.
Hamadan, Pers. [**24**-63 B2]; **11**-115b; carpet **19**-623d, pottery **18**-370d.
HAMADHANI 11-115c.
Hamadryad (snake): *see* King cobra.
Hamadryades (Gr. myth.): *see* Dryades.
Hamal, Jean Noël **23**-308d.
Hämäläiset (people): *see* Tavastlanders.
Hamalamstede, Herts., Eng.: *see* Hemel Hempstead.
Hamamatsu, Jap. [**24**-75 K6].
Hamamelidaceae (bot.) **21**-660a.
Hamamelis japonica (bot.) **23**-688a.
— virginica (shrub): *see* Witch-hazel.
Haman (bibl.) **8**-736b.
Hamanaka, Jap. [**24**-75 O2].
HAMANDRYAS (zool.) **11**-115c.
HAMANN, JOHANN G. 11-115c.
Hamar, Arab. [**24**-62 D3].
—, N.Dak. [**24**-136 F2].
HAMAR, Nor. [**24**-43 E6]; **11**-115d.
Hamartolos (Byzantine chronicler): *see* George the monk.
HAMASA 11-116a; **2**-193d.
Hamaspathmaedha (festival) **9**-967c.
Hamath (bibl.): *see* Hummām; Emmaus.
Hambantota, Cey. [**24**-67 D5].
Hamberg, N.Dak. [**24**-136 E2].
HAMBLEDEN, WILLIAM F. D. S., 2nd viscount **11**-116d.
Hambledon, Sur., Eng. [**24**-15 C4].
—, hill, Dorset., Eng. **2**-260b.
— Cricket Club (Eng.) **6**-692b.
Hamblen, co., Tenn. [**24**-117 H1].
Hambleton, N. Riding, Yorks. Eng. [**24**-13 C3].
—, W. Riding, Yorks., Eng. [**24**-13 C4].
—, hills, Eng. [**24**-13 C3].
— oolite (geol.) **13**-195c.
Hamblin, Mont. [**24**-144 F2].
Hambling Committee (aviation) **2**-802a.
Hambridge, Eng. [**24**-17 D4].
Hamburg, Ala. [**24**-118 B3].
—, Ark. [**24**-120 D4].
—, Calif. [**24**-154 B2].
—, Conn. [**24**-101 D2].
HAMBURG, state, Ger. **11**-116d.
HAMBURG, Ger. [**24**-36 E2]; **11**-117b; air lines map **1**-463; astron. observ. **16**-674d; cholera **5**-618c; city hall (1886) Pl. VI. fig. 4 **10**-GERMANY; Chile house Pl. I. fig. 4 **2**-ARCHITECTURE; Elbe traffic **8**-127a; free port **9**-740b; museums **15**-1003c; port fig. 7 **7**-471; pottery **18**-349a; university **11**-118a; s.s. routes: Hull [**24**-8 F2]; Leith [**24**-8 E2]; London [**24**-8 F2]; Newcastle [**24**-8 H2]; Stavanger [**24**-36 C1].
—, Ia. [**24**-138 B4].
—, Ill. [**24**-129 B4].
—, Ind. [**24**-127 C3].
—, Miss. [**24**-119 A4].
—, Mo. [**24**-141 G3].
—, N.J. [**24**-105 B1].
—, N.Y. [**24**-102 B3].
—, Okla. [**24**-143 D3].
—, Pa. [**24**-107 F3].
—, S.C. [**24**-113 C3].
—, Tenn. [**24**-117 C2].
—, Wis. [**24**-132 D4].
HAMBURG AMERIKA LINE, The 11-118d; **2**-999d.
— -Bremen S.S. Line **16**-487b.
— company (Eng.) **5**-307b.
Hamburgische Dramaturgie (Lessing) **13**-967b; **10**-224a.
Hambye, Fr. [**24**-24 D3].
HAMDANI 11-119a.
Hamdan Qarmat **2**-179d; **4**-887a.
Hamden, Mo. [**24**-140 E2].
—, N.J. [**24**-105 B2].
—, O. [**24**-125 C4].
—, Okla. [**24**-143 H4].
Hamden Meadows, R.I. [**24**-100 C3].
Hamdh, riv., Arab. [**24**-62 B2].
Ham dial (sundial) **7**-311b.
HAMDI BEY, OSMAN 11-119a.
Hame, dept., Fin. [**24**-48 B2].
Hame, Ill. [**24**-129 C5].
Hamed, spring, A.E.Sud. [**24**-79 B4].
Hamed bin Mohammed **23**-936b.
HAMEG (people) **11**-119b; **21**-509b
HAMELIN, FRANCOIS A. 11-119c.
Hamelin, gulf, Austr. [**24**-168 A4; **24**-192 A2].
Hamelin, harb., Austr. [**24**-168 A5].
Hamelin Pool, Austr. [**24**-168 A4].
HAMELN, Ger. [**24**-38 E1]; **11**-119c.
Hamer, Ida. [**24**-145 F6].
Hamer, S.C. [**24**-113 E2].
HAMERLING, ROBERT 11-119d; **10**-228a.
Hamersville, O. [**24**-125 B5].
Hamerten, Ger. [**24**-39 G1].
HAMERTON, PHILIP G. 11-120a.
Hamēstakāns **23**-988d.
Hametzen (magicians) **4**-746a.
Hamford Water, inlet, Eng. **8**-723d.
Hamhun, Kor. [**24**-74 E4].
Hami, Arab. [**24**-62 D5].
HAMI, Sin-Kiang, China [**24**-68 E3]; **11**-120a.
"Hamidie" (cruiser) **22**-612d.
Hamidiya, Turk. [**24**-58 C4].
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Hamilton shales **7**-291c.
Hamilton's principle (phys.) **4**-562c; **7**-810a fol.; **18**-824c.
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—, **SIR JOHN** (Eng. writ.) **11**-276d.
—, John I. **17**-898d.
—, **(HAWKYNS) SIR RICHard** (Eng. adm.) **11**-276d; **14**-148c.
—, Rush C. **3**-863a.
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—, **GEORGE** (cler.) **11**-280c.
—, **GILBERT, ("SIR GILbert The Haye")** **11**-280d.
HAY, IAN (pseud.) **11**-280d.
—, James: *see* Carlisle, James Hay, 1st earl of.
—, J. B. (surg.) **2**-506a.
—, John, 1st and 2nd earls of Tweeddale: *see* Tweeddale.
—, John (Am. writ.) **1**-791b.
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—, Lady Julia T. **4**-262d.
—, Lady Susan **6**-987c.
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—, Wash. [**24**-150 H4].
—, isl., Ont., Can. [**24**-90 B2].
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—, Johann Michael **11**-286c; chamber music **5**-209c.
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—, R. B. **7**-323d.
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—, Mdx., Eng. [**24**-15 C4].
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—, S.Dak. [**24**-137 C2].
—, Wis. [**24**-132 E5].
—, mt., Alsk. [**24**-156 L5].
—, penin., Green. [**24**-4 A15]; map **2**-295 (E2).
—, riv., Man., Can. [**24**-91 H2]; **11**-859d.
—, ft., Columbus, O. **6**-84c.
— Center, Neb. [**24**-139 C4].
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—, Ashland co., O. [**24**-124 C3].
—, Pickaway co., O. [**24**-125 C4].
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—, Minn. [**24**-135 F8].
—, Pa. [**24**-106 A2].
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HAYLEY, WILLIAM **11**-288a.
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Hay loader **11**-233a.
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HAYM, RUDOLF **11**-288b.
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HAYNAU, JULIUS J. **11**-288b; Hungarian revolt **11**-909d; Italian wars **12**-803c.
HAYNAU, Ger. [**24**-40 B3]; **11**-288c; battle (1813) **16**-112c.
Hayne, Paul H. **11**-288d.
—, **ROBERT Y.** **11**-288c.
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—, John **6**-269a.
—, Ala. [**24**-118 C3].
—, Ark. [**24**-120 E3].
—, N.Dak. [**24**-136 B4].
—, N.Y. [**24**-103 E3].
Haynes's Bluff, battle (1863) **1**-762b.
Haynesville, Ia. [**24**-138 E3].
—, La. [**24**-121 A1].
—, Me. [**24**-96 E3].
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Hay-Pauncefote Treaty (1901) **4**-862c fol.; **5**-787d.
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"Hayricks" (Monet) **12**-126a.
Hays, F. **9**-180c.
—, Will H. **11**-187d.
—, co., Tex. [**24**-123 E4].
—, Alamosa co., Colo. [**24**-147 E4].
—, Otero co., Colo. [**24**-147 G3].
—, Kan. [**24**-142 C3].
—, Mont. [**24**-144 D1].
—, Pa. **11**-704d.
—, penin., Green. [**24**-2 H1].
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Hay South, N.S.W., Austr. [**24**-171 G5].
Hay Springs, Neb. [**24**-139 B2].
Haystack, mt., Nev. [**24**-153 D1].
—, mt., N.Y. **1**-166d.
— Butte, mt., S.Dak. [**24**-137 A1].
Haysville, Kan. [**24**-142 E4].
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Hayter (bp. of Norwich) **10**-185c.
—, **SIR GEORGE** **11**-288d.
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HAYTON **11**-288d.
—, Wis. [**24**-133 E5].
—, Yorks., Eng. [**24**-14 C2].
Hay-Turner **11**-232d.
"Haywain, The" (Constable) **6**-293c; Pl. IX. fig. 8 **17**-PAINTING.
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—, **SIR JOHN** **11**-289c.
—, Nathaniel **10**-520c.
—, T. **6**-701b.
—, Minn. [**24**-135 E8].
—, O. [**24**-125 C5].
—, Wis. [**24**-132 B3].
—, mts., W.Aus. [**24**-168 D4].
Hayward's Heath, Sus., Eng. [**24**-15 C5]; **7**-868b.
HAYWOOD, ELIZA **11**-289d.
—, co., N.C. [**24**-112 B2].
—, co., Tenn. [**24**-117 B2].
—, N.C. [**24**-112 F2].
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Hazael (k. of Damascus) **7**-1d; and Elisha **8**-361d; Shalmaneser **13**-46a.
—, O. [**24**-125 D4].
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—, cape, Arab. [**24**-62 E3].
— highlands, Afg. [**24**-182 B1].
— (race) **11**-290b.
Hazārajāt, dist., Afg. **11**-290b.
Hazāraland, dist., Afg.: *see* Hazārajat.
Hazard, J. de V. **8**-901d.
—, Ga. [**24**-114 D4].
HAZARD, Ky. [**24**-116 G3]; **11**-290b.
—, Neb. [**24**-139 E3].
HAZARD (game) **11**-290b; **7**-329c.
— (in billiards) **3**-566a.
— (in golf) **10**-504a.
Hazardville, Conn. [**24**-101 C1].
HAZARIBAGH, India [**24**-67 E2]; **11**-290b; map **3**-326; **11**-290b..
Hazāristān, dist., Afg.: *see* Hazārajāt.
Hazar Jarib, dist., Pers. **15**-128b fol.
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"Haze" (canoe" il. **4**-753d.
Haze (meteor.) **7**-767d; **9**-436c.
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Hazel, Ky. [**24**-116 B4].
—, Minn. [**24**-134 B3].
—, Mont. [**24**-144 F2].
—, S. Dak. [**24**-137 G2].
—, Wash. [**24**-150 D2].
HAZEL **11**-290d; fig. 6 **9**-409; divining rod **7**-541c; hist. **5**-826d.
Hazel Dell, Ill. [**24**-129 D4].
Hazelgreen, Mo. [**24**-140 E4].
Hazel Green, Wis. [**24**-133 C7].
Hazelgrove, Ches., Eng. [**24**-16 D1].
Hazelhurst, Ga. [**24**-114 D5].
—, Ill. [**24**-128 C2].
—, Pa. [**24**-106 C2].
—, Wis. [**24**-132 D4].
Hazelius, Arthur **21**-424c.
Hazel Kirke (MacKaye) **14**-586b.
Hazell, Frank **23**-412a.
Hazell, Watson and Viney, Ltd. **18**-559a.
Hazelpatch, Ky. [**24**-116 F3].
Hazel-pine (wood): *see* Satin walnut.
Hazelrigg, Ind. [**24**-126 B2].
Hazel Run, Minn. [**24**-135 C7].
—, Mo. [**24**-141 G4].
Hazelton, B.C., Can. [**24**-92 D3].
—, Ida. [**24**-145 D7].
—, Ind. [**24**-127 A4].
—, Kan. [**24**-142 D4].
—, N.Dak. [**24**-136 D3].
—, W.Va. [**24**-111 D2].
Hazelwood, Ind. [**24**-127 B3].
—, La. [**24**-121 C3].
—, N.C. [**24**-112 B2].
Hazen, Ark. **24**-120 D3].
—, N.Dak. [**24**-136 C2].
—, Nev. [**24**-153 A3].
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—, Minn. [**24**-135 D7].
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—, N.Z. [**24**-173 C4].
—, Pa. [**24**-107 D2].
— (asteroid) **22**-490d.
HECUBA (myth.) **11**-376a; *Hecuba* (Euripides) **8**-825a.
HEDA, WILLEM CLAAS 11-376a; **21**-409a.
Heda, Kent, Eng.: *see* Hythe
Hedberg, Frans (au.) **21** 658a.
Hedda Gabler (Ibsen) **12** 38b.
Heddle (weaving) **23**-466a.
Heddon-on-the-Wall, Eng [**24**-13 C2].
Hédé, Fr. [**24**-24 D3].
—, Swed. [**24**-42 F5].
Hedebo (cutwork) **13**-569a.
Hedehusene, Den. [**24**-46 E3]
Hedel, Holl. [**24**-28 D3].
Hédelin, François, abbé d'Aubignac: *see* Aubignac, François, Hédelin, abbé d'.
Hedemarken, co., Nor. **16** 553d.
Hedemora, Swed. [**24**-45 F1
Hedemünden, Ger. [**24**-3 E2].
Hedenbergite (min.) **7**-400c **18**-801a.
Hedenora, Swed. [**24**-43 G6].
Hedensted, Den. [**24**-46 B3].
Hedenstrom (Russ. of.) **2** 293b; **16**-329d.
Hedeoma pulegioides **17**-486
Hedera (bot.) **12**-846d.
Hedera australiana: *see* Australian ivy.

Hedera canariensis: *see* African ivy.
— colchica: *see* Asiatic ivy.
— Helix: *see* European ivy.
Hedge (fence) **9**-524b.
— **BINDWEED** 11-376b.
HEDGEBOT (HAYBOTE), (law) **11**-376b; **11**-281d.
Hedge Corner, Eng. [**24**-15 B4].
—-garlic: *see* Garlic mustard.
HEDGEHOG (Urchin, mammal) **11**-376b; fig. 3 **9**-937; **11**-539b; **12**-404a.
— cactus (bot.) **4**-510a.
— tenrecs (genus) **12**-404c.
Hedgeley, moor, Northumb., Eng. [**24**-10 E1].
Hedge mustard (bot.) **6**-767a.
— **NETTLE** (plant) **11**-376c.
—-priest (Ind.) **18**-419b.
Hedges, Ark. [**24**-120 C2].
Hedges, S.C. [**24**-113 B2].
Hedge snail (zool.) **10**-68b.
— **-SPARROW** 11-376c; **21**-170b.
Hedgesville, Mont. [**24**-144 D2].
HEDGING (com.) **11**-376d.
Hedieh, Arab. [**24**-62 B2].
Hedin (hero) **11**-509c.
HEDIN, SVEN (expl.) **11**-377a; **2**-527d; **14**-387d fol.; **21**-816a; **22**-184c.
—, mts., C. Asia: *see* Trans-Himalaya.
HEDJAZ: *see* Hejaz.
Hedley, W. C. **18**-873c.
—, William **18**-916b.
—, Tex. [**24**-122 D2].
Hedmark, co., Nor. [**24**-44 D1]; **16**-547c.
HEDON, Yorks., Eng. [**24**-14 C2]; **11**-377b.
Hedonal (drug) **22**-896b.
Hedonics **6**-196b.
Hedonic theory **9**-145b.
HEDONISM 11-377c; **8**-758c; **8**-804a; **11**-337d; **22**-49b; Aristippus **8**-766c fol.; egoism **8**-32b; Plato **8**-762d; **18**-59c; Spencer **8**-776b; *see also* Cyrenaics.
Hedonists **20**-920a.
Hedonist school **7**-925a.
HEDRICK, ULYSSES P. 11-378a.
—, Ia. [**24**-138 E3].
Hedui (Gallic people): *see* Aedui.
Hedyphagetica (Archestratus) **2**-268a.
Hedwig (abbess) **8**-717d.
— (of Kyburg) **11**-58a.
— Elizabeth (Sweden and Norway) **5**-285c.
—, Johann (bot.) **3**-947a.
—, Leonora (Sweden) **5**-282a.
— glass **10**-401c; Pl. III. fig. 3 **10**-GLASS 412.
Hedyphon (or Hedypnus) riv., Pers.: *see* Jerrāhi.
Hedysarum (bot.) **13**-882c; fig. 18 **9**-877.
— coronarium: *see* French honeysuckle.
Hēdyū, Kor. [**24**-74 D4].
Hee, Den. [**24**-46 A2].
—, mt., Scot. [**24**-18 D3].
HEEK, ALEXANDER VON: *see* Hegius, Alexander.
HEEL (anat.) **11**-378a.
— (in golf) **10**-504a.
— (shoe) **3**-886d.
— (ship building) fig. 3 **20**-529.
Heeling (cock-fight.) **5**-943d.
— (Rugby) **9**-475a.
Heely, falls, Ont., Can. [**24**-90 D2].
Heem, Cornelius de **11**-378b; **21**-409a.
—, David de **11**-378b.
—, **JAN DAVIDSZ VAN (JOHANNES DE)** 11-378b; **9**-419d; **21**-409a.
—, Johannes de: *see* Heem, Jan Davidsz van.
Heemskerck, Jacob van **2**-202b; **11**-658d.
HEEMSKERK, JOHAN VAN 11-378b.
—, **MARTEN JACOBSZ** 11-378c.
—, **THEODORE** 11-378c; **11**-663c.
Heenan, John C. **20**-39b.
Heenan destructor (engin.) **7**-271a; fig. 1 **7**-270.
Heeney, Tom. (boxer) Pl. I figs. 3, 4, 6, 7 **3**-BOXING.
HEER, JAKOB C. 11-378d.
—, **OSWALD** 11-378d.
HEEREN, ARNOLD H. L. 11-378d.
Heerenveen, Holl. [**24**-28 D2].
Heeringen, Josias von **9**-867a.
HEERLEN, Holl. [**24**-29 D4; **11**-379a.
Heermskerk, Willem J. van **10**-402d.
Hefa, Arab. [**24**-62 C4].
HEFELE, KARL JOSEF VON 11-379a; **12**-318c.
Hefenfeld, Eng. **16**-538c.
Heflin, Ala. [**24**-118 D2].
—, La. [**24**-121 A1].
Hefner candle **12**-100c.
— lamp **14**-109b.
Hefner-Alteneck dynamometer **7**-815d.
— amyl acetate lamp **17**-812a.
Hegan, Mo. [**24**-141 G4].
Hege, Ind. [**24**-127 C3].
HEGEL, GEORG W. F. 11-379a; **22**-63c; **16**-213c; Pl. fig. 6 **10**-GERMAN LITERATURE; acosmism **1**-129d; aesthetics **1**-271b; atheism **2**-600d; dialectic **7**-314d; ethics **8**-775c; history **11**-597b; idealism **12**-67d fol.; identity **8**-985b; knowledge **13**-461b; literature **10**-226b; logic **14**-328d; philos. **17**-755a; Theism **22**-50b.
Hegeler, W. (au.) **10**-229a.
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Hegenberger, Albert Pl. III. fig. 11 **22**-TRANS-O. & TRANS-CONT. FLIGHTS.
Hegenscheidt, Alfred **3**-347d.
Héger, Constantin **4**-238b.
Hegera, A.E.Sud. [**24**-79 D5].
Hegesias (philos.) **8**-766c.
— (poet) **10**-833d.
HEGESIAS OF MAGNESIA (hist.) **11**-385a.
HEGESIPPUS (Christian writ.) **11**-385b.
HEGESIPPUS (Rom. writ.) **11**-385b.
Hegins, Pa. [**24**-107 E3].
HEGIRA: *see* Hejira.
HEGIUS (VON HEEK), ALEXANDER 11-385c.
Heglar, Ida. [**24**-145 E7].
Hegumenos **1**-20d; **2**-269b.
Hegyalja, mts., Hung. [**24**-51 G2].
HEHE (tribe) **11**-385c.
Heian, North, prov., Kor. [**24**-74 E3].
—, South, prov., Kor. [**24**-74 D4].
Heian-kyō, Jap.: *see* Kyōto.
Heiban, A.E.Sud. [**24**-79 C5].
HEIBERG, JOHAN L. 11-386a; **7**-33d; **11**-19d.
—, Peter A. **7**-33b; **11**-19d.
—, isl., Can. **4**-715a.
HEIDE, Ger. [**24**-36 D1]; **11**-386b.
Heideck, Ger. [**24**-39 G4].
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HEIDELBERG, Ger. [**24**-38 D4]; **11**-386c; Renaissance **10**-222d; univ. **22**-866b; **11**-387a.
—, Miss. [**24**-119 D4].
HEIDELBERG, Trans. [**24**-81 D3]; **11**-386c.
— (castle, Ger.) **11**-386d.
"Heidelberg" (Turner) **2**-482d; Pl. IV. fig. 1 **10**-GERMANY.
HEIDELBERG, CATECHISM, The (rel.) **11**-387a; **5**-26b; Church **19**-45a; Frederick III. **9**-720d; importance **6**-661d; Lutherans **14**-499a.
— Man **14**-764b; jaw **2**-238d.
— University (Ger.) **11**-387a.
Heidelsheim, Ger. [**24**-38 D4].
Heiden, port, Alsk. [**24**-156 H8].
Heidenfeld, Ger. [**24**-38 E4].
Heidenhain, Rudolf P. **14**-521a.
HEIDENHEIM, Ger. **24**-38 F5]; **11**-387c; **16**-102b.
Heidingsfeld, Ger. [**24**-38 E4].
Heidenmauer (wall, Wiesbaden, Ger.) **23**-591c.
HEIDENSTAM, VERNER Von 11-387c.
Heidetor (gate, Ger.) il. **1**-957.
Heidlersburg, Pa. [**24**-107 D4].
Heifa, riv., Arab. [**24**-62 D5].
HEIFER (animal) **11**-387c; **5**-46d; in Gt. Brit. **1**-389b.
Height (math.): *see* Altitude.
— finder (instru.) **18**-975d; (Behm) fig. 6 **1**-231.
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— (surveying) **21**-612a.
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Heijo, Kor. [**24**-69 M4].
Heikoutai: *see* Sandepu.
Heikum (lang.) **4**-452c.
Heil, N.Dak. [**24**-136 C3].
Heilbron (Du. phys.) **23**-847b.
—, Or.Fr.St. [**24**-81 D3].
HEILBRONN, Ger. [**24**-38 E4]; **11**-387d; **21**-628c.
—, League of **22**-138d.
Heilige, Der (Meyer) **15**-400a.
Heilige Betrachtungen: see *Psalmi Confessionales.*
Heilige familie oder Kritik der kritischen Kritic, Die **14**-995c.
Heilige Geist Kirche **11**-386d.
Heiligenbeil, Ger. [**24**-40 D1].
Heiligen-Damm, Ger. **7**-464c.
Heiligenstadt, Bav., Ger. [**24**-39 G4].
Heiligenstadt, Prus., Ger. [**24**-38 F2].
Heiliger, mt., Czech. **18**-467d.
Heiligmann, Andreas: *see* Osiander, Andreas.
Heilly, Anne de Pisseleu, d': *see* Etampes, Anne de Pisseleu d' Heilly, duchesse d'.
Heilprin, Yehiel **11**-362b.
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HEIM, ALBERT VON ST. G. 11-388a; **7**-845b.
Heimat (play, Sudermann): *see* Magda.
Heimberg, Switz. **3**-454d.
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—, N.Dak. [**24**-136 E2].
Heimelijkheid der Heimelijkheden **7**-771d.
Heimin (title) **12**-913c; **12**-940d.
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Hein, F. (chem.) **5**-646a.
—, Piet (navig.) **11**-659b.
Heine, Amalie **11**-388b.
—, Eugénie **11**-389a.
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—, Solomon (fin.) **11**-388b.
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HEINECCIUS, JOHANN Gottlieb 11-389d.
HEINECKEN, CHRISTIAN H. 11-389d.
HEINEMANN, WILLIAM 11-389d; **3**-874d.
—, S.C. [**24**-113 E3].
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Heir, The (May) **15**-120d.
HEIRLOOM (law) **11**-390d.
Heisenberg, W. (phys.) **8**-197b; **2**-644c.
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Heiskanen, W. **7**-837b.
Heiskell, Tenn. [**24**-117 G1].
Heislerville, N.J. [**24**-105 B3].
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—, Ky. [**24**-116 G2].
—, Mich. [**24**-131 F5].
—, Minn. [**24**-135 E7].
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— **BIGHT** (battle, 1914) **11**-395d; **23**-777d; **23**-785d.
Helike: *see* Elche.
Helindone series (dyes) **7**-802d.
HELIOCENTRIC (astron.) **11**-398a.
— hypothesis **2**-345a.
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Heliochromy (phot.) **17**-816c.
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HELIOTROPE (TURNSOLE) (bot.) **11**-399d; **3**-893c; synthetic **17**-506d.
HELIOTROPE (min.): *see* Bloodstone; *see also* **11**-400a; Pl. I. fig. 9; Pl. V. fig. 21 **10**-GEMS IN ART.
Heliotropion, cave, Gr. **17**-703a.
Heliotropism (biol.) **18**-29a.
Heliotropium (bot.): *see* Heliotrope.
— corymbosum **11**-400a.
— peruvianum: *see* Cherry-pie.
— suaveolens **11**-400a.
Heliozincography **21**-618b.
HELIOZOA (zool.) **11**-400a; **18**-633a.
Helipterum (bot.) **8**-904b.
HELIUM (gas) **11**-400a; (airship) **1**-470b; **2**-805a; constants **14**-189a; discovery **5**-360a fol.; diving **7**-448c; liquefaction **14**-184c; nucleus **16**-589d; periodic law **17**-520b; solidification **14**-184d; radium **22**-411d; Ramsay **18**-968b; symbol **2**-650b; vapour pressure curve fig. 16 **14**-185.
Helix, Oreg. [**24**-151 G2].
HELIX arch. **11**-402a; anat. **7**-823c; math. **6**-894b.
— (math.) **6**-899a.
— aspersa (zool.) **10**-64d; Epiphragm fig. 33 **10**-67; *see also* Snail.
— column (arch.) il. **11**-402-b.
— desertorum (zool.): *see* Desert snail.
— Pomatia fig. 21 **10**-64; fig. 36 **10**-68; *see* Vineyard, Roman snail.
Hell, Admiral de **6**-140d.
HELL **11**-402b; *see also* Abyss.
Hellada, riv., Gr. [**24**-54 C3].
Helladic **10**-795d.
Hellams, S.C. [**24**-113 B2].
Helland, A. **10**-858d.
HELLANICUS of Lesbos **11**-402b; **18**-592a.
Hellanodicae (offi.) **16**-778d.
Hellas (Shelley) **20**-488c.
HELL-BENDER (zool.) **11**-402d; **6**-807b.
HELLEBORE (bot.) **11**-402d; **18**-979c; petal fig. 40 **9**-412.
Helleborein (chem.) **11**-403b.
Helleborus (bot.) **11**-402d; **18**-979c.
— foetidus: *see* Stinking hellebore.
— lividus: *see* Holly-leaved hellebore.
— niger: *see* Black Hellebore.
— orientalis: *see* Lenten rose.
— viridis: *see* Green hellebore.
Helle (myth.) **2**-333d.
Hellem, Minn. [**24**-134 B3].
Hellen **1**-120a; **7**-279d.
Hellendoorn, Holl. [**24**-28 E2].
Hellenes (race) **7**-539b; **11**-403b; **14**-567c.
Hellenic Empire **1**-317a.
— league **17**-721d.
— Logos **14**-334c.
— origins **1**-214a.
Hellenica (Xenophon) **5**-773a; **10**-777c; **23**-837a.
Hellenics (Theopompus) **22**-67b.
HELLENISM **11**-403b; **4**-241c fol.; **17**-572d; art **10**-816d; Christianity **10**-840c; Jews **13**-51a; lit. **10**-837d; Parthian **17**-578c; Seleucid **17**-574a.
Hellenistai **11**-403b.
Hellenistic Age, The **21**-172c.
Hellenistic Apocalyptic literature **2**-103a.
— Ionic (arch.) **16**-854a.
— period **10**-801d.
Hellenists **3**-419d.
Hellenotamiai **7**-165a.
Hellenstein Castle (Ger.) il. **5**-3.
Hellenthal, Ger. [**24**-38 B3].
Heller, Maximilienne **9**-755d.
—, **STEPHEN** **11**-408d; **8**-694d.
—, Yom T. L. **11**-362a.
Hellertown, Pa. [**24**-107 F3].
Hellerup, Den. [**24**-46 E3].
Helles cape, Gr. **7**-52d fol.; map **7**-55; map **23**-782.
—, **LANDING AT**, 1915: *see* Dardanelles Campaign.
HELLESPONT, chan., Eur. and Asia M. **11**-409a; *see also* Dardanelles.
"Hellespont" (ship) **15**-303b.
Hellespontum Pelagus: *see* Hellespont.
Helleston, Corn., Eng.: *see* Helston.
HELLEVOETSLUIS, Holl. [**24**-28 C3]; **11**-409a.
Hell Gate, Arct. map **2**-295 (B2).
— Gate (bridge) **4**-137a; Pl. VII. fig. 3 **4**-BRIDGES; **14**-149d.
— Gate, reef, N.Y. [**24**-104 D3].
— Gate, Wash. [**24**-150 G3].
Hellicidae (zool.) **20**-849a.
Hellier, Ky. [**24**-116 H3].
— (violin) **21**-446c; il. **23**-175.
Hellifield, Eng. [**24**-13 B4].
HELLIN, Sp. [**24**-33 F3]; **11**-409a.
Hellmann **15**-346b.
Hellner, Johannes **21**-652a.
HELLO, ERNEST **11**-409a.
Hellopia, Epirus: *see* Doduna.
Hellotis: *see* Europa.
Hellriegel, H. **2**-907d.
Hell's Lake, Scot.: *see* Hourn, lake.
— Mouth, Somlnd.: *see* Gubbet-Kharab.
Helluland N.A.M. map **1**-750; **1**-751c; **22**-153c.
Hellville, Nossi-Bé **16**-563c.
Hellwig, N.Dak. [**24**-136 E3].
Helm, P. J. **5**-361a.
—, Ill. [**24**-129 D5].
—, Miss. [**24**-119 B2].
— (armour) **11**-460b.
— (bot.): *see* Reed grass.
Helman (Rus. phys.) **10**-392a.
Helmana, riv., Afg. map **1**-283.
— (lake, desert, riv.) Afg.: *see* Helmund.
Helmback, Abraham **18**-349b.
Helmbrechts, Ger. [**24**-39 G3].
Helme, La. [**24**-121 A3].
Helmer, Ida. [**24**-145 B3].
—, Ind. [**24**-126 C1].
HELMERS, JAN FREDERIK **11**-409a.
HELMERSEN, GREGOR VON **11**-409a.
Helmershausen, Ger. [**24**-38 F3].
Helmert, F. R. **10**-134a; **10**-608b.
HELMET **11**-409b; fig. 5 **11**-410; fig. 2 **23**-156; **3**-177b; diver's **7**-446a; Greek Pl. I. fig. 5 **4**-BRONZE; mediaeval Pl. II. figs. 1-7 **2**-ARMS AND ARMOUR; Normans **2**-392b; Turk. Pl. fig. 11 **15**-MOHAMMEDAN ART.
— Hornbill (zool.) **11**-751b.
Helmetta, N.J. [**24**-105 B2].
Helmfeld, S. G. **5**-283b.
HELMHOLTZ, H. L. F. VON **11**-411c; **12**-126a; **16**-215a; conservation of energy **8**-189d; ear **3**-172d; **11**-298c; electrolysis **8**-317b; eye **3**-584d; **18**-713b; **23**-211c; fermentation **2**-901b; galvanometer **12**-436a.
— double electric layer **20**-927d.
Helmick, O. [**24**-124 D3].
Helmingham, Suff., Eng. [**24**-15 E3].
Helminthiasis: *see* Hookworm.
Helminthic dysentery **7**-818c.
HELMINTHOLOGY **11**-412a.
Helminthosporium **20**-934a.
HELMOLD **11**-412a.
HELMOND, Holl. [**24**-29 D3]; **11**-412a.
HELMONT, JEAN BAPTISTE Van **11**-412b; **5**-355c fol.; magnetism **14**-638d; metempsychosis **15**-337c.
Helmsburg, Ind. [**24**-127 B3].
Helmsdale, Scot. [**24**-18 E3].
—, riv., Scot. [**24**-18 E3].
Helmsley, Muriel **7**-94a.
—, Eng. [**24**-13 C3].
HELMSTEDT, Ger. [**24**-39 G1]; **11**-412c; Univ. **22**-869a.
—, lake, Afg.-Pers. [**24**-63 E2; **24**-182 A2].
HELMUND, riv., Afg. [**24**-182 A2]; **11**-412c; **1**-284a.
Helmund, desert, Afg. [**24**-182 B2]; **1**-284a.
HELM WIND **11**-412d.
Helnaes stone **19**-663a; fig. 15 **19**-663.
Helobieae (bot.) **18**-2a.
Heloderma suspectum (zool.): *see* Gila monster.
Helodermatidae (zool.) **14**-247b.
Helogenes (zool.) **9**-316d.
Héloïse **1**-33a.
Héloïse, La Nouvelle **19**-585b.
— *and Abélard* (Moore) **8**-599b; **15**-783b.
Helopeltis theivora (zool.): *see* Tea mosquito.
HELOTS **11**-412d; **7**-539a; **20**-359b.
Helper, Utah [**24**-152 D3].
HELPS, SIR ARTHUR **11**-413a.
Helpter Berg, mt., Ger. [**24**-40 A2]; **15**-169c.
HELSINGBORG, Swed. **11**-413b.
Helsinge, Den. [**24**-46 E2].
HELSINGFORS, Fin. [**24**-48 C2; **24**-3 N1]; **11**-413b; Pl. I. fig. 2 **2**-ARCHITECTURE; fig. I. 2-150; air lines map **1**-463; univ. **3**-1011d; **22**-869c; *see* also Helsinki.
Helsingör, Den.: *see* Elsinore.
HELSINKI: *see* Helsingfors.
HELST, BARTHOLOMAEUS Van Der **11**-413c.
HELSTON, Eng. [**24**-17 A4]; **11**-413d.
Helton, Ky. [**24**-116 G4].
Heltonville, Ind. [**24**-127 B4].
Helvas, Port.: *see* Elvas.
Helve **7**-671b.
Helvecia, Arg. [**24**-165 D3].
Helvellaceae **9**-931d fol.
Helvellyn, mt., Eng. [**24**-13 A3; **24**-177 E3]; height **6**-862a; **23**-542c.
Helvetia, Eur. **11**-414b.
—, Pa. [**24**-106 C2].
Helvetiae origine, De (Gwalther) **23**-657d.
Helvetia Milk Condensing Co. **4**-749a.
Helvetian epoch **10**-377c.
— society **21**-672a.
HELVETIC CONFESSIONS **11**-414a; **3**-167d; **4**-373c.
Helveticum, Collegium **21**-686d.
HELVETII **11**-414a; **3**-542a; **21**-985c; Cimbri **5**-707c; Gallic **4**-522d.
Helvetiorum, ager: *see* Helvetia.
HELVETIUS, CLAUDE A. **11**-414c.
HELVETIUS, PRISCUS **11**-414d.
Helvidius (pseud.): *see* Madison, James.
Helvidius, Against (Jerome) **14**-999d.
HELVOETSLUIS: *see* Hellevoetsluis.
HELWAN, Egy. **11**-415a.
Helwys, Thomas **3**-87a; **20**-848d.
Helwai, Book of **5**-798b.
Helyas **14**-337c.
HELY-HUTCHINSON, JOHN **11**-415a.
—, Richard, 1st earl of Donoughmore: *see* Donoughmore.
HELYOT, PIERRE **11**-415b.
Helzel, A. **10**-405c.
Hemacandra (writ.) **18**-417c.
Hemalko, riv., B.C., Can. [**24**-92 D4].
Heman, Ill. [**24**-128 C4].
—, Okla. [**24**-143 E2].
HEMANS, FELICIA D. **11**-415c; **4**-957c.
—, The American: *see* Sigourney, L. H.
Hematite, Mo. [**24**-141 G3].
—, Tenn. [**24**-117 D1].
HEMATITE: *see* Haematite; *see also* Pls. I. and II. **10**-GEMS IN ART; Pl. cast-iron **5**-1b; iron ore **12**-650b; Niagaran **22**-725a; mica-schists **15**-408a.
Hematoxylon campechianum: *see* Log-wood.
Hemau, Ger. [**24**-39 G4].
Hemavati, riv., India [**24**-67 C4]; **11**-242b.
HEMEL HEMPSTEAD, (Hampsted), Herts., Eng. [**24**-15 C4]; **11**-415d.
Hemelytron (zool.) **11**-417a; fig. 2 **11**-417a.
Hemendorf, Ger. [**24**-38 E1].
Hēmerasia, Artemis: *see* Artemis.
HEMEROBAPTISTS: *see* Essenes.
Hemerobiidae (zool.) **13**-571d; *see also* Brown lacewing.
Hemerobis stigma: *see* Brown lacewing.
Hemerocallis **14**-121b.
— flava: *see* Day lily.
Hemeroskopeion, Sp.: *see* Calpe.
Hemiachromatopsia **9**-7d.
Hemianopia **9**-7d.
Hemiaspis **2**-204b.
Hemiaster philippi (zool.): *see* Sea-urchin.
Hemiazygos vein **23**-31a; superior **23**-29d.
Hemibasidiomycetes **9**-934d.
Hemicellulose **5**-98d.
Hemicentetes (zool.): *see* Lesser tenrec.
HEMICHORDA (HEMICHORData) (zool.) **11**-416a.
Hemicidaris **1**-71d.
Hemicrania: *see* Migraine.
Hemictenodactyli **2**-206c.
HEMICYCLE **11**-416a.
— dial **7**-310c; fig. 2 **7**-310.
— flower **9**-410c.
Hemicyon **4**-901a.
Hemiderminae **5**-600b.
Hemiechinus (zool.) **12**-404a.
— megalotis: *see* Long-eared hedgehog.
Hemieine: *see* Adrenalin.
Hemi-elytron (zool.): *see* Hemelytron.
Hemigalidia **4**-898c.
Hemigalinae **4**-898b.
Hemigalus **4**-898b.
Hemiganus **7**-950d.
Hemihedral crystals **21**-388d.
Hemileia vastatrix: *see* Coffee-leaf disease.
Hemimorphic class: *see* pyramidal class.
— -hemihedral class: *see* Dihexagonal, ditetragonal and ditrigonal pyramidal classes.
— tetartohedral class (crystall.): *see* Hexagonal and trigonal pyramidal class.
HEMIMORPHITE **11**-416a; fig. 60 **6**-817; **6**-817b; **6**-828b; *see also* Zinc silicate.
Hemina, L. Cassius **18**-592b.
Heming, Edward **14**-356c.
—, John **3**-749c.
HEMINGBURGH, WALTER of **11**-416b.
Hemingford, Walter: *see* Hemingburgh, Walter of.
—, Neb. [**24**-139 A2].
Hemingway, Ernest **1**-795b.
—, S.C. [**24**-113 E3].
Hemiole **19**-278c.
Hemipelagic deposit **16**-684a.
Hemiplegia **17**-263b; **16**-260c; diphtheria **7**-402c.
HEMIPODE **11**-416b.
HEMIPTERA **11**-416b; **4**-345c; **5**-940b; **8**-623d; **12**-418a; pollination **18**-170a.
Hemirhamphidae (zool.) **9**-318a; **11**-90d.
Hemirhamphus: *see* Half-beak.
Hemisphere **21**-210a.
Hemithyris psittacea Pl. figs. 3, 4 **3**-BRACHIOPODA.
Hemitragus: *see* Tahr.
— hylocrius **12**-31d; *see also* Wariatu.
— jayakeri **21**-755b.
— jemlaicus: *see* Tahr.
Hemizonia corymbosa: *see* Coast tarweed.
— fasciculata: *see* Clustered tarweed.
— virgata: *see* Yellow tarweed.
Hemlock, Ind. [**24**-126 B2].
—, Mass. [**24**-99 C2].
—, N.Y. [**24**-102 C3].
—, O. [**24**-125 C4].
—, Oreg. [**24**-151 B2].
—, Wis. [**24**-132 C5].
—, lake, N.Y. [**24**-102 C3].
HEMLOCK (bot.) **11**-420c; Pl. VIII. **13**-LANDSCAPE ARCHITECTURE; **3**-304a; distribution map **22**-730; paper **17**-237c.
— -fir: *see* Western hemlock.
— -spruce: *see* Eastern hemlock.
— stork's-bill: *see* Pin-clover.
Hemmestvelt, Torjus **20**-749d.
Hemmingford, Que., Can. [**24**-89 B3].
Hemming stitch **11**-703d.
Hemnes, Nor. [**24**-42 F3].
Hemoglobinometer Pl. fig. 3 **15**-MICROSCOPE.
Hemorrhage: *see* Haemorrhage.
HEMORRHOIDS (med.): *see* Haemorrhoids.
Hemp, N.C. [**24**-112 F2].
HEMP (bot.) **11**-420d; **18**-475a; (drug) **11**-241c; **12**-170d; **13**-421d; fibre **9**-214a; **12**-773d; paper **17**-236c; plantation il. **17**-726; *see also* Bhang.
— -agrimony **8**-814d.
Hempel apparatus **5**-408a; figs. 1, 2, 3 **5**-408.
— glass bead column **7**-428c.
Hemphill, John **2**-365c.
—, co., Tex. [**24**-122 D2].
—, La. [**24**-121 B2].
—, Tex. [**24**-123 H4].
Hemple, Mo. [**24**-140 C2].
Hempseed oil **16**-747a.
Hempstead, co., Ark. [**24**-120 B4].
Hempstead, Ess., Eng. [**24**-15 D3].
HEMPSTEAD, N.Y. [**24**-102 G5]; **11**-422a; **14**-381b.
—, O. [**24**-125 A4].
—, Tex. [**24**-123 F4].
Hemse, Swed. [**24**-45 H3].
Hemsedal, Nor. **4**-735b.
HEMSTERHUIS, FRANCOIS **11**-422a.
HEMSTERHUIS, TIBERIUS **11**-422b; **19**-629b.
Hemsworth, Yorks., Eng. [**24**-13 C4].
Hemu-neter **8**-60b.
HEMY, CHARLES N. **11**-422b.
Hen, Llywarch **23**-505a fol.
—, Nor. [**24**-44 D1].
HEN (zool.) **11**-422b; (Brit.) **8**-29d; Egypt **8**-50b; (reflexes) **18**-700c.
— (measure) **15**-143c.
Henakiya, Arab. [**24**-62 C2].
Hen-and-chicken daisy **6**-984d.
Henard, Tenn. [**24**-117 F1].
Henares, riv., Sp. [**24**-32 E2].
HENAULT, CHARLES J. F. **11**-422b; **7**-137c; **15**-760c.
HENBANE (bot.) **11**-422c; **16**-118c; **20**-938a; **18**-123a; atropine **2**-654d; **16**-118c.
Henchir, Tun. [**24**-78 F2].
— -Kasbat, N.Af.: *see* Thuburbo Maius.
HENCHMAN **11**-422d.
Hencke, K. L. **15**-576a.
Henckell, K. **10**-228c.
Hencky (phys.) **15**-50c.
Hendaye, Fr. [**24**-26 B4].
Hendel-Mazzetti, Enrica **10**-230a.
HENDERSON, ALEXANDER **11**-423a; **6**-870c; **18**-444c; **23**-372b.
—, **ARTHUR** **11**-423d; **14**-557a.
—, Sir David **14**-928b fol.
—, **EBENEZER** (Scot. cler.) **11**-424a.
—, **GEORGE F. R.** **11**-424b.
—, G. H. **18**-896a.
—, Gladys **3**-282d.
—, **JOHN** **11**-424b.
—, Richard **13**-336a; **21**-935d.
—, T. F. **2**-994d.
—, Thomas **2**-588d.
—, W. E. B. **7**-420d.
—, **WILLIAM J.** **11**-424c.
—, Yandel **11**-310c; **20**-566a.
—, co., Ill. [**24**-128 A3].
—, co., Ky. [**24**-116 C3].
—, co., N.C. [**24**-112 C2].
—, co., Tenn. [**24**-117 C2].
—, co., Tex. [**24**-123 G3].
—, Ala. [**24**-118 C4].
—, Ark. [**24**-120 C1].
—, Colo. [**24**-147 F2].
—, Ia. [**24**-138 B3].
—, Ill. [**24**-128 B2].
—, Ind. [**24**-127 C3].
HENDERSON, Ky. [**24**-116 C3]; **11**-424c; **13**-333b.
—, Md. [**24**-109 D1].
—, Mich. [**24**-131 G6].
—, Minn. [**24**-135 E7].
—, Miss. [**24**-119 D4].
—, Neb. [**24**-139 G4].
—, N.Y. [**24**-103 D2].
HENDERSON, N.C. [**24**-112 G1]; **11**-424c.
—, Tenn. [**24**-117 C2].
—, Tex. [**24**-123 G3].
—, isl., Pac. O. **17**-15d.
— (ship) **20**-522d.
—-Brown College **2**-365c.
— retort **20**-454a.
Hendersonville, N.C. [**24**-112 C2].
—, S.C. [**24**-113 D4].
—, Tenn. [**24**-117 E1].
Hendey-Norton gears **20**-192d.
HENDIADYS **11**-424d.
HENDON, Eng. [**24**-15 C4]; **11**-424d.
—, Queens., Austr. [**24**-171 K2].
Hendred (phys.) **8**-241b.
Hendrick (publ.) **22**-976b.
—, Ala. [**24**-118 C1].
—, Ind. [**24**-126 A2].
—, Ky. [**24**-116 G3].
HENDRICKS, THOMAS **11**-424d.
—, co., Ind. [**24**-126 B3].
—, Minn. [**24**-135 B7].
Hendrickson, Cornelius **7**-154d; **16**-311a.
—, Mo. [**24**-141 G5].
Hendricx, Jan **16**-954b.
Hendrix, Ill. [**24**-128 D3].
—, Okla. [**24**-143 G5].
Hendrum, Minn. [**24**-134 B4].
Hendry, co., Fla. [**24**-115 G5].
Hendschiken, Switz. [**24**-3 E2].
Hendy, Wales [**24**-17 B3].
Henelcosane **17**-256d.
Henequen **1**-343b; **9**-214b; *see also* Sisal hemp.

Henfryn, Can. [24-90 B3].
Heng-chow, Hu-nan, China [24-70 B4].
Heng-chow, Kwang-si, China [24-70 A5; 24-71 C1].
Heng-chun, For.: *see* Koshun.
HENGELO, Holl. [24-28 E2]; 11-424d.
Hengersberg, Ger. [24-39 J5].
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—dune, Corn., Eng.: *see* Hingston Down.
Hengistbury, Eng. 2-258d.
Hengrave, Thomas fig. 1 11-457.
Heng-shan, China [24-70 B4].
—, mt., China [24-70 B4].
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Hengstet, Ger. [24-38 C2].
Hengwrt, mansion, Wales 7-506c.
— manuscripts 7-506c.
Hen-harrier 11-216b.
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—-sur-Cojeul, Fr. 1-813d; map 2-429.
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Henjam, isl., Pers. [24-63 D3].
Henjareh, Pers. [24-127 A4].
HENKE, HEINRICH P. K. 11-425b.
Henkel, Colo. [24-147 F3].
—, Ill. [24-128 C2].
HENLE, FRIEDRICH G. J. 11-425b.
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Henle's layer 11-79d.
Henleville, Calif. [24-154 B3].
HENLEY, JOHN 11-425c.
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—, pt., Tas. [**24**-171 G9].
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Hibil (the Bright) **14**-787c.
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—, John **14**-199c.
Hickford's Room **6**-197d.
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—, Henry **1**-862c.
—, K. C. D. **17**-808b.
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—, co., Tenn. [**24**-117 D2].
—, Ark. [**24**-120 F1].
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—, co., Mo. [**24**-140 D4].
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— Grove, Ky. [**24**-116 B4].
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—, Ellaline **21**-970d.
—, **HENRY 11**-542c.
—, Thomas (cler.) **17**-474d.
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—, La. [**24**-121 B2].
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— (anat.) **14**-521d.
Hicksbaugh, Tex. [**24**-123 G4].
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Hicksite **9**-853b.
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—, Ont., Can. [**24**-90 B3].
—, S.C. (Darlington co.) [**24**-113 D2].
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"Hide and Seek" (game) **5**-480d.
HIDES (skins) **11**-543d.
Hidetada (Jap. Shōgun) **12**-938d.
"Hide the Thimble" (game) **5**-480d.
Hideyori (states.) **12**-937d.
Hideyoshi (Jap. chief) **12**-936a; Korea **13**-488c.
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Hieizan (monastery, Jap.) **12**-927c; **12**-936a.
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HIEMPSAL (Numidian kings) **11**-543d.
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—, isl., It.: *see* Vulcano.
— Akra, promontory, Asia M.: *see* Sacred Promontory.
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— Normal College of Agriculture and Domestic Economy (Laeken, Belg.) **7**-1003d.
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— Springs, Vt. [**24**-97 A2].
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—, Wis. [**24**-133 C6].
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Hizzûq Emûnah (Isaac of Troki): see Faith Strengthened.
Hjällmar, lake, Swed. [24-45 F2]; 21-636d.
Hjarboek, Den. [24-46 B2].
Hjelm, isl., Den. [24-46 C2].
Hjelms, bay, Den. [24-46 E4].
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Hjerting, Den. [24-46 A3].
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Hjorth Haven, Spitsbergen 21-250b.
Hjort, Johan 9-302b; 16-67c.
Hjortø, Knud (writ.) 7-35b.
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HKAMTI LONG, states, Burma 11-609b.
H.K.T.: *see* Society of the Eastern Marches.
hl. (abbrev.) 1-24d.
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Hlide, Kent, Eng.: *see* Lydd.
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Hlubočep, Czech. [24-39 K3].
H.M. (abbrev.) 1-24d; *see also* His Majesty.
H moll (mus.) 2-833c.
H.M.S. (abbrev.) 1-24d.
H.M.S. Pinafore (Gilbert and Sullivan) 21-537b.
Hnês, Egy.: *see* Heracleopolis Magna.
Hnm-f (title) 17-689b.
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— (chem.): *see* Holmium.
— (garment) 7-656a.
— (lang.) 2-781d.
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Hoadley, Pa. [24-107 F2].
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Hoagland, Ind. [24-126 D2].
—, Neb. [24-139 D3].
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Hoalsiki, riv., Ice. map 12-43c.
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Hoar, E. R. (pol.) 11-610b.
Hoar, G. F. (pol.) 11-610b.
HOAR, SAMUEL (law.) 11-610a.
Hoard I, 2-247d.
Hoarding 1-198c; *see also* Billboards.
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—, William (paint.) 17-358b.
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— nettle 16-253c.
— vervain 23-105d.
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—, George Vere 4-319d.
—, John H. (bp.) 18-612c.
—, **PASHA, A. C. HOBART-Hampden** 11-610d.
—, W. K. (crit.) 1-142d.
—, Ark. [24-120 B2].
—, Austr. newspaper 16-348d.
—, Ind. [24-126 A1].
—, La. [24-121 D3].
—, Mich. [24-131 F5].
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Hobbs 9-704d.
—, J.B. 6-694b fol.; 6-701b fol.; Pl. I. fig. 7 6-CRICKET; Pl. II. fig. 21 6-CRICKET.
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Hobbysville, S.C. [24-113 C2].
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Hoberg, Mo. [24-140 D4].
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Hôbhôth ha-lebhabhôth (Bahya ibn Paqûda) 11-359d.
HOBHOUSE, ARTHUR H. 1st baron (jur.) 11-614c.
—, John Cam, baron Broughton: *see* Broughton, J. C., baron.
—, L. T. (psych.) 18-706a.
—, **LEONARD TRELAWNEY** 11-614d.
Hobkirk's Hill (battle, 1781) 1-800d; 4-656d; 10-855a.
Hobley, C. W. 8-356a.
—, val., Kenya Colony 13-338c.
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—, William E. (philos.) 16-215a.
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—, riv., O. [24-125 C4].
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—, goldfield, Queens., Austr. [24-169 B2].
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HODGSON, BRIAN H. 11-618c.
—, Sir Frederic 2-505d.
—, H. W. (gen.) 20-333d.
—, Ralph (poet) 8-600d; 18-112d.
—, **SHADWORTH H.** (philos.) 11-618d.
—, Man., Can. [24-91 G3].
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—, **WILLIAM S. R.** 11-619b.
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HOE, RICHARD MARCH (inv.) 11-619c.
—, Robert (book-collector) 3-863a.
—, Robert (inv.) 16-355d; 18-500d.
—, Egy. il. 1-424.
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Hoetjes, bay, S.Af. 19-870d.
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—, John T. (pol.) 16-375d.
—, Josef (glassworker) 10-405d.
—, **MALVINA** (sculp.) 11-620c.
— von Fallersleben: *see* Hoffman, August Heinrich.
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—, Minn. [24-135 C6].
—, Mont. [24-144 C3].
—, Wis. [24-132 C5].
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— Ring kiln 5-105d.
Hoffmann (colonizer) 17-136b.
— (Ger. sol.) 21-793d.
—, **AUGUST H.** (Ger. poet 11-620d; 10-227a.
—, **ERNST T. W.** 11-621a; 10-226a.
—, **FRIEDRICH** (physic.) 11-621d.
—, G. (phys.) 8-220d.
—, H. (phys.) 8-330b.
—, **JOHANN JOSEPH** (schol.) 11-621d.
—, Josef Pl. VII. fig. 5 [illegible] GLASS; 15-640b fol.; 18-358b.
—, Kai (poet) 7-35c.
—, **MAX** (gen.) 11-622a.
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Hoffmann affair **21**-690d.
— kiln **4**-114d.
Hoffmans, N.J. [**24**-105 B2].
—, N.Y. [**24**-103 F3].
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Hoffmeister, H. **7**-420d.
—, N.Y. [**24**-103 F2].
Hof-Gastein, Aus. **10**-54b.
Hofgeismar, Ger. [**24**-38 E2].
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—, Clementina (writ.) **18**-164a.
—, Johann J. (schol.) **8**-425d.
—, **JOSEF C.** (pianist) **11**-622c.
—, **(HOFFMANN), MELCHIOR** (theol.) **11**-622c.
HOFMANNSTHAL, HUGO von (poet) **11**-622d; **2**-775d; **10**-229b.
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—, **WILHELM F. B.** (bot.) **11**-623a; **1**-924c; **3**-615b.
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Hofrätter (court) **21**-639c.
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Hofuf, Arab. **17**-603d.
Hofwil, Switz. [**24**-30 C2].
— (farm) **21**-687d.
Hog, isl., Fla. [**24**-115 F3].
—, isls., Hond.: *see* Puercos, isls.
—, isl., Mich. [**24**-130 F4].
—, isl., R. I. [**24**-100 C3].
—, isl., Va. [**24**-110 J3].
— (animal) **19**-61d.
— (in curling) **6**-876d.
Hogan (house) Pl. II. fig. 4 **2**-ARIZONA.
—, P. J. (pol.) **12**-631b.
—, Alsk. [**24**-156 M5].
—, Mont. [**24**-144 B2].
Hogansburg, N. Y. [**24**-103 F1].
Hogansville, Ga. [**24**-114 B3].
Hogar, Sah. [**24**-78 E3].
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—, **DAVID G.** (archae.) **11**-623d; **1**-580a; **2**-236c; **17**-244b.
—, George **7**-332c.
—, **WILLIAM** (paint.) **11**-624a; **1**-272a; Pl. I. fig. 4 **4**-CARICATURE; **4**-866a; **9**-247c; **15**-998d; **18**-267b; **23**-603d; **17**-53a.
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— **DEER 11**-626c; **7**-135a; **12**-156c.
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—, **JAMES** (poet) **11**-626c; **8**-593c; **8**-790b; **13**-596d.
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—, **THOMAS JEFFERSON 11**-626d; **20**-484b.
— (Hogget) **23**-729d.
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HOGMANAY (New Year's Eve) **11**-626d.
Hogmany (cake) **11**-626d.
Högni (hero) **11**-509c; **16**-348d.
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I

I (letter) **12**-28a; **1**-681d.
I. (abbrev.) **1**-25b.
I (chem.): *see* Iodine.
I, isl., Scot.: *see* Iona.
Ia, St.: *see* Hya, St.
Ia. (abbrev.) **1**-24d.
IACANDONES (tribe) **12**-28c.
Iacchus (deity) **16**-46b fol.
Iadera, Aus. **6**-992b; map **19**-500 (F3).
Iaeger, W.Va. [**24**-111 B4].
Iago, Tex. [**24**-123 G5].
Iago ab Dewi (writ.) **23**-509b.
Ialdabaoth (rel.) **16**-807b fol.
Ialemus (myth.) **12**-10a.
Ialine (chem.) **9**-884b.
Ialinga, Fr. Equat. Af. [**24**-82 D1].
Ialomita, riv., Rum. [**24**-53 D3].
Ialysus, Rhodes **19**-261b.
Iambes (Chénier) **5**-413c.
IAMBIC (verse) **12**-28d; **10**-834c; **2**-269b; **6**-599d; **5**-771c; **23**-06a.
IAMBLICHUS (writ.) **12**-29c.
IAMBLICHUS (philos.) **12**-29a.
Iamidae (bot.) **16**-831a.
Iamonia, lake, Fla. [**24**-115 D1].
Iamwana, Bel. Cong. [**24**-82 D5].
Ianina, Gr.: *see* Janina.
Iannes (myth.): *see* Oannes.
Iannina: *see* Yannina.
Ianthа, Mo. [**24**-140 C3].
Ianthina: *see* Purple snail.
Ianthu, Mong. [**24**-69 J2].
Ianus geminus (gate, Rome) **12**-893b.
Iao, canyon, Haw. **11**-266a.
I.A.O.S.: *see* Irish Agricultural Organization Society.
Iapetus (astron.) **20**-9b.
IAPETUS (myth.) **12**-29c.
IAPYDES (IAPODES) (people) **12**-29c.
Iapygia (tribe): *see* Messapii.
Iaransk, U.S.S.R. [**24**-48 G3].
Iar Connaught, dist., Ire. [**24**-20 B3].
Iardanos, riv., Crete: *see* Platanos.
Iashga, dist., AsiaM. map **11**-599c.
Iasi, Rum.: *see* Jassy, Rum.
Iasion **7**-178c.
Iasius (hero) **7**-56c.
Iasus, gulf, AsiaM. **4**-861a.
Iatan, Mo. [**24**-140 C2].
—, Tex. [**24**-122 D3].
Iathrippa, Arab.: *see* Medina.
IATROCHEMISTRY **12**-29c; **15**-201c; **5**-356a.
Iatromantis **2**-110d.
Iatrophysics **15**-201c.
Iatt, lake, La. [**24**-121 B2].
Iatuman, Braz. [**24**-163 A3].
—, riv., Braz. [**24**-162 F4].
I.A.U.: *see* International Astronomical Union.
Iawbar, India [**24**-67 B3].
Iaxartes, riv., anc. Pers. map **17**-548 (E1).
IAZYGES (tribe) **12**-29d.
Ib, riv., India [**24**-67 D2]; **12**-969b.
Ib. (abbrev.) **1**-24d.
Iba, P.I. [**24**-73 A2].
'Ibad (people) **2**-178a; (dynasty) **22**-175a.
IBADAN, Br. W.Af. **12**-29d.
Ibadn, Nig. [**24**-80 E4].
IBAGUE, Colom. [**24**-162 B3]; **12**-30a.
Iban (tribe) **11**-294a.
Ibanag (people) **17**-727b.
Ibaneta, defile, Sp. **19**-522c.
Ibañez, Carlos **5**-488d.
IBANEZ, VICENTE BLASCO **12**-30a; **21**-160d.
IBANS (SEA DAYAKS) (people) **12**-30a; **3**-908d fol.
Ibanshi, Bel. Cong. [**24**-82 D3].
Ibapah, Utah [**24**-152 A2].
Ibar, riv., Yugos. [**24**-52 E3]; **23**-919c.
Ibaraki, preft., Jap. [**24**-75 M5].
Ibarra, Alvaro de **12**-30c.
—, Francisco de **7**-752c.
—, Pedro de (arch.) **19**-867d.
IBARRA, Ec. [**24**-162 B3]; **12**-30b.
—, basin, Ec. **7**-935c.
Ibas (Edessa) **16**-244c; **21**-722c.
Ibb, Arab. [**24**-62 C5]; **23**-885d.
Ibbenbür, Ger. [**24**-38 C1].
I.B.E.A.: *see* Imperial British East Africa Company.
Ibea, ter., Af.: *see* Kenya Colony.
I-beams (arch.) **12**-663d.
Ibelin, John of: *see* John of Ibelin.
Ibelin, Pal.: *see* Jamnia.
Ibembo, riv., Bel. Cong. [**24**-82 D2].
Ibenga, riv., Fr. Equat. Af. [**24**-82 C2].
Ibera, lake, Arg. **6**-469b.
Iberia: *see* Georgia U.S.S.R.
—, Mo. [**24**-141 E3].
—, O. [**24**-124 C3].
Iberian green woodpecker **21**-114d.
— hare **21**-114c.
— land-tortoise **21**-114d.
— Peninsula, Eur. **7**-882c; **21**-152.
IBERIANS (people) **12**-30c; **21**-123b fol.
Iberian version (N.T.): *see* Georgian.
— water-tortoise **11**-540c.
— weasel **21**-114c.
Iberio: *see* Hibernia; Erin.
Iberis, Tex. [**24**-123 E3].
Iberis: *see* Candytuft.
Iberis amara: *see* Candytuft.
Iberis coronaria: *see* Rocket candytuft.
Iberus, riv., It. map **19**-500 (B3).
—, riv., Sp.: *see* Ebro.
IBERVILLE, PIERRE LE M., Sieur d' **12**-31a; **3**-580a; **14**-429c.
—, co., Que., Can. [**24**-89 B3].
—, Que., Can. [**24**-89 B3]; *see also* St. Jean d'Iberville.
—, parish, La. [**24**-121 C3].
Ibeshi-yama, hill, Jap. **22**-528d.
IBEX (zool.) **12**-31c; **8**-36a; **3**-552c; *see also* Pasang.
Ibha, Arab. [**24**-62 C4]; **2**-544b; **2**-174c.
Ibiapaba, Serra de, mts., Braz. **5**-83a.
Ibibio (tribe) **4**-541d.
Ibicuy, riv., Braz. [**24**-165 E2].
Ibid. (abbrev.) **1**-24d.
Ibigan, cape, P.I. [**24**-73 B2].
Ibis, Calif. [**24**-155 F5].
IBIS (bird) **12**-31d; **1**-547b; **8**-59a; **8**-36b; Pl. I. fig. 8 **16**-NEST.
Ibisha, Ras bu, cape, Rio de Oro: *see* Juby.
Ibitinga, Braz. [**24**-163 C7].
Ibiza, Bal. Is.: *see* Iviza.
Ibl, Arab. [**24**-62 C4].
IBLIS (myth.) **12**-31d.
Ibn 'Abd al-Hakam **2**-196d.
— Abdallah, Ibrahim: *see* Burckhardt, John L.
— 'Abd al-Zāhir (offi.) **8**-88b.
— **'ABD RABBIHI** **12**-32a.
— Abī. 'Amir Mohammed **1**-670b.
— al-A'rābī (schol.) **15**-644a.
— al-Fārid (poet) **8**-88b.
— al-Mu'tazz (poet) **2**-195a.
— al-Sa'lūs (vizier) **8**-84d.
— Amid: *see* Elmacin, George.
— 'Ammār (wazir) **2**-195a.
— **'ARABI** (theol.) **12**-32a.
— 'Arabshāh (hist.) **2**-196b.
— 'Asākir **2**-196b.
— Ash'ath (gov.) **4**-602b.
— **ATHIR** (fam.) **12**-32a.
— Athīr (hist.) **2**-196a.
— -Bājja (philos.): *see* Avempace.
— **BATUTA** (trav.) **12**-32b; **10**-140b.
— Davd: *see* Abraham Ibn Davd.
— **DURAID** (poet) **12**-33a.
— el-Hakim (k.): *see* Menelek.
— **EZRA, ABRAHAM BEN Meir:** *see* Abenezra.
— Fadhlan (trav.) **13**-793c.
— Fadlallāh (writ.) **2**-196c.
— **FARADI** (hist.) **12**-33b.
IBN FARID (poet) **12**-33b.
— Furāt (vizier) **8**-81a.
— **GABIROL** (philos.) **12**-33b; **17**-749c.
— Hamdis **2**-195a.
— Hāni **2**-195a.
— **HAUKAL (HAUQAL)** (geog.) **12**-33d.
— **HAZM** (theol.) **12**-33d.
— Hinna **4**-456d.
— **HISHAM** (writ. **12**-34a.
— Hubayra (offi.) **4**-603b.
— Hula (of Mosul) **14**-841a.
— **ISHAQ** (hist.) **12**-34a.
— Jawzī (hist.) **2**-196a.
— Jiluwi (gov.) **2**-175c.
— **JUBAIR** **12**-34a; journal **2**-197a; Mecca **15**-151b.
— Kaighlagh (gov.) **8**-80c.
— **KHALDUN** (hist.) **12**-34a.
— **KHALLIKAN** **12**-34c.
— Khūrdādhbih **2**-196d.
— **KOTAIBA:** *see* Ibn Qutaiba.
— Mālik (philol.) **2**-197a.
— Manzūr (philol.) **2**-197b.
— Miskawayh: *see* Miskawayh.
— Mokaffa' **17**-30b fol.
— Moqla **17**-600c.
— Muqaffa' (hist.) **2**-196a.
— Nishātī **11**-574b.
— 'Oqba (hist.) **2**-195d.
— Qotaiba (schol.) **15**-626d.
— Quifti (hist.) **2**-196c.
— **QUTAIBA (KOTAIBA)** (writ.) **12**-34c.
— -Quzmān **2**-195a.
— Rāiq **8**-80d.
— Rashīq (of Qayrawān) **2**-195a.
— -Roshd: *see* Averroes.
— Sāeigh: *see* Avempace.
— **SA'D** (biog.) **12**-34d.
— Sallār (vizier) **8**-82d.
— **SA'UD** (ruler) **12**-34d; **15**-151c.
— Sa'ud 'Abd-ul-'aziz **2**-180c; **2**-181c.
— Sina (chem.): *see* Avicenna.
— **TIBBON** (fam.) **12**-35d.
— **TUFAIL (TOFAIL)** (philos.) **12**-35d; **2**-189b.
— Tulun (mosque) **15**-844d.
— Tūmart **1**-672a.
— **USAIBI'A** **12**-36a.
— Yunis (astron.) **14**-840c.
— Zaydūn (of Cordova) **2**-195a.
— Zubair **15**-151b.
— Zubayr (caliph) **4**-601c.
IBO (tribe) **12**-36a.
Ibo, isl., Port. E. Af. [**24**-83 H5]; **18**-285c.
Ibogelan, region, Sah. [**24**-78 E4].
Iboko, Bel. Cong. [**24**-82 C3].
"Iboliux, Arnold" (Rembrandt) **7**-691d.
Ibra, riv., A.-E. Sud. [**24**-79 A5].
Ibrahim (bibl.): *see* Abraham.
— (gov.) (1415-34) **17**-588c.
— I. (of Turk.) (1640-1648) **22**-603d.
— I. (Aghlabite) **4**-607a; **9**-115a.
— II. (Aghlabite) **20**-609c; **1**-674a.
— (caliph) **4**-604a.
— (Dar'ur sultan) **7**-58a.
— (emir, Kontagora) (1901-03) **13**-482c.
— (Delhi emp.) **2**-838a.
IBRAHIM (grand vizier, d. 1536) **12**-36a.
— (pseudo-caliph) **4**-607b.
— (Selangor sultan) **14**-719b.
— (Tun. dey) **22**-559b.
— (Turk. vizier) (1718) **22**-604d.
— (Wadai sultan) **20**-331d.
—, Abu Talib (Hamid) Mohammed ben (poet): *see* Farīd ud-Dīn 'Attar.
— Aga **12**-891a.
— **AL-MAUSILI** **12**-36b.
— Bey (sheikh, d. 1816 **8**-87b.
— Bey (sheikh, d. 1755) **8**-87b.
— ed-Desuki (sayyid) **8**-38d.
— (Imam) **1**-12a; **4**-604c.
— Niyāl (Seljuk ruler) **20**-308b.
— **PASHA** (Egy. gen.) **12**-36b; **8**-90d fol., **8**-86d; Acre **1**-134b; army **8**-61d; Gr. revolt **7**-802b; **10**-821c; Navārino **16**-171c; Lady Stanhope **21**-312c; Wahhābis **2**-180d.
— (son of Mu'ayyad) **8**-86a.
—, lake, Af.: *see* Kioga.
Ibrahimia, canal, Egy. **8**-67b; **12**-689a.
Ibrahim Roza (mosque, Bijapur, India) **3**-558b.
Ibraila, Rum.: *see* Brăila.
Ibri, Arab. [**24**-62 F3].
Ibrim, Nub. **7**-528b; **8**-90d.
Ibsley, Eng. [**24**-15 B5].
IBSEN, HENRIK J. (dram.) **12**-36d; **7**-617a; **7**-607d.
Ibstock, Eng. [**24**-14 B3].
Iburg, Ger. [**24**-38 D1]; **7**-662a.
Ibwaki, Mal. Arch. [**24**-72 G5].
IBYCUS (poet) **12**-38d.
ic (chem.) **5**-362a.
I. C. 4A's.: *see* Intercollegiate Association of Amateur Athletes of America.
ICA, dept., Peru [**24**-162 B6]; **12**-39a.
Ica, riv., Colom. and Peru [**24**-160 B3; **24**-190 B3]; **1**-732b.
I.C.A.N.: *see* International Commission for Air Navigation.

Icaria, Gr. map **2**-659.
Icaria, isl., Gr. **21**-262b.
Icarians (colony, U.S.) **4**-497d; **16**-167a.
Icarus, Nev. [**24**-153 F1].
Icarus (myth.) **3**-688b; **6**-971a.
Ice. (abbrev.) **1**-24d.
ICE **12**-39b; Alpine **1**-695b: Atl. O. **2**-637a; Arctic **2**-303b; calorimetry **4**-624c fol.; fusion **11**-315b; geology **10**-159a; **10**-374d; melting point **14**-190a; molecule **23**-407b; *see also* Refrigeration and Ice Manufacture.
— (dessert) **6**-367b.
Ice, fjord. Spitsbergen **21**-251b; **2**-298c.
ICE AGE: *see* Glacial Period and Pleistocene; *see also* **7**-769b; **10**-374b.
ICEBERG **12**-39d; in Atl. O. **2**-637a; destruction Pl. I. fig. 2 **5**-COAST GUARD.
Ice boating Pl. fig. 5 **23**-WINTER SPORTS.
Ice box **19**-57c.
Icebreaker (ship) **20**-516d; Pl. II. fig. 9 **20**-SHIP.
Ice-calorimeter, Bunsen **4**-625a; fig. 3 **4**-623.
Ice-cap (geol.) **2**-19a.
Ice Club (Lond.) **20**-732a.
ICE-CREAM **12**-39d; mfr. **12**-40b; **15**-488a; **10**-90d; **15**-489d; milk **15**-488d.
Ice-crystals (meteor.) **11**-111b.
Ice Glen, glen, Mass. **21**-418b.
Ice Haven, Novaya Zemlya **2**-292b.
ICE HOCKEY **12**-40c; **2**-625d.
Icel. (abbrev.) **1**-24d.
ICELAND, Eur. [**24**-6 A2; **24**-178 A2]; **12**-42a; com. **12**-45d fol.; Ire. **7**-341c; learned societies **14**-206a; pop. **12**-45c; suicide **21**-533b; temperance **21**-919c; sports **23**-804d; map **2**-295 (15); Viking expl. map **1**-750; geology: geysers **10**-320a; volcanoes **23**-242c.
—: *Government, Law:* **12**-46b; concubinage **6**-213d; Denmark **7**-216a; liquor laws **14**-194c; marriage **11**-940a; Poland **18**-181d; pol. **20**-894d.
— falcon **9**-43d fol.
ICELANDIC LANGUAGE **12**-48a; **20**-49c; *see also* Teutonic.
— **LITERATURE** **12**-48c; **18**-593c; **7**-945c; *see also* Saga.
— Literary Soc. (Den.) **18**-987c.
Icelandic River, Man., Can. [**24**-91 G3].
ICELAND MOSS (bot.) **12**-56a; **4**-835d; **9**-913d; **14**-34b.
Iceland poppy (bot.) **18**-229a.
Iceland spar (chem.): *see* Calcite.
ICE MANUFACTURE: *see* Refrigeration and Ice Manufacture.
Icenhylt (road, Eng.): *see* Icknield Street.
ICENI (tribe) **12**-56a; **16**-490a; **9**-163b.
Icenian deposit **18**-81a.
ICE-PLANT **12**-56b, *see also* Refrigeration and Ice Manufacture.
Icerya purchasi (zool.): *see* Cushiony scale.
Ice saw (tool) il. **20**-28.
— -sheet (geol.) **10**-858c; **10**-374d.
— -skating: *see* Skating.
— -slope (geol.) **15**-930b.
— -stone (min.): *see* Cryolite.
— -streams (geol.) **10**-375a.
— -tables (geol.) **10**-381d.
— -**YACHTING** **12**-56b.
Ichaboe, isl., S.W. Af. [**24**-81 A3].
ICHANG, China [**24**-70 B3]; **12**-56d.
I-chawn, China [**24**-70 A2].
Ichibusa, mt., Jap. [**24**-74 G7].
Ichili, dist., Asia M. **13**-278d.
Ichinen Shiganhei (Jap. army): *see* Kambu Kōhosei.
I Ching **5**-531d; **5**-573a.
Ichinomiya, Jap. [**24**-75 M6].
Ichinosaki, Jap. [**24**-75 M4].
Ichi-no-tani (battle) **12**-933c.
Ichje Kara-Hissar, Asia M.: *see* Kara-Hissar.
"Ich liebe dich" (Grieg) **10**-888b.
ICHNEUMON (zool.) **12**-57a; **12**-259a.
ICHNEUMON-FLY (zool.) **12**-57a; **20**-821a; **17**-273a fol.; hymenoptera **12**-11c fol.; spiders **21**-216a.
Ichneutai (Sophocles) **20**-10b; **7**-584b; **17**-245a.
ICHNOGRAPHY (arch.) **12**-57c.
Ichondi milleti (class): *see* Jewish rayah.
I-chow, China [**24**-70 C2]; **20**-463b.
Ichteghem, Belg. [**24**-29 B3].
ICHTHYOLOGY **12**-57c; Agassiz **1**-339d; *see also* Fishes.
Ichthyomyzon (fish) **6**-922c.
ICHTHYOPHAGI (people) **12**-57c.
Ichthyophis (zool.) **5**-961a.
Ichthyophthalmite (min.): *see* Apophyllite.
Ichthyophthirius multifiliis (biol.) **18**-635a.
Ichthyopsida (zool.) **20**-12d.
Ichthyornis Victor (zool.) **16**-707d.
ICHTHYOSAURIA (paleon.) **12**-57c; **19**-190a fol.; **12**-57d; Jurassic **13**-194a; **19**-194c; phalanges **20**-742b; skull fig. 21 **19**-199.
Ichthyosaurus communis il. **12**-57d.
ICHTHYOSIS (XERODERma) (path.) **12**-58a.
Ichthyos poridium (biol.) **18**-634c.
Ichthys, promontory, Gr.: *see* Katakolo.
Ichu (bot.) **3**-815a.
Iciar (Sp. calligr.) **4**-616d.
Icica (bot.) **8**-349a.
Icicle **21**-300d.
Icilius, Lucius (trib.) **1**-355b.
Icing, glacé: *see* Glacé icing.
— sugar **21**-528a fol.
Icinodont (zool.) il. **15**-715.
Iciodurum, Fr.: *see* Issoire.
Ickesburg, Pa. [**24**-107 D3].
Icklingham, Suff. Eng. [**24**-14 D3].
ICKNIELD STREET (road, Eng.) **12**-58b; map **4**-160d.
I.C.L.E. (abbrev.) **15**-472b.
Iclingas (fam.) **15**-265c.
Icó, Braz. [**24**-164 C2].
ICOLMKILL, isl., Scot.: *see* Iona.
ICON (rel.) **12**-58b; **19**-748a.
ICONIUM, Asia M. **12**-58b; St. Paul **17**-388d; map **19**-501 (J4); *see also* Konia.
—, Mo. [**24**-140 D3].
ICONOCLASTS **12**-58d; **19**-438d fol.
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Iconography of Manhattan Island, The (Stokes) Pl. V. fig. 3 **3**-BOOKS.
ICONOTASIS (arch.) **12**-58d.
Icosahedral group (math.) **10**-913a.
ICOSAHEDRON: *see* Solids, Geometric.
Icositetrahedron (crystall.) **6**-813d; fig. 17 **7**-812; fig. 19 **6**-813.
Icosium, Alg. **1**-620d.
Icosteidae (fish) **9**-326a.
Ictalurus punctatus: *see* Spotted catfish.
Icteridae (zool.) **12**-59a; song **20**-996c; *see also* Cow-bird.
Icterine warbler **23**-331b.
ICTERUS **12**-59a; **8**-924d.
— (med.): *see* Jaundice.
— galbula: *see* Baltimore oriole.
— spurius: *see* Orchard oriole.
Icthyobdellidae **1**-996c fol.
Icthyotomi (zool.) **20**-293a.
Icthyotomus sanguinarius **1**-993a.
Ictinia mississippiensis: *see* Mississippi kite.
ICTINUS (arch.) **12**-59b; Parthenon **17**-344a.
Ictis: *see* Weasel.
Ictonychinae (zool.): *see* Zorilla, African.
Ictonyx (zool.) **23**-986b.
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Iculisma, Fr.: *see* Angoulême.
Içvarapura, Cambodia: *see* Bantay Srei.
Icy, cape, Alsk. [**24**-156 H1]; Cook **6**-365c.
Icyl colours **7**-791a; **7**-804c.
Icy saints' days (Russ.) **19**-688a.
Id. (abbrev.) **1**-24d.
Id (psychoan.) **18**-673c.
IDA (k.) **12**-59b; **3**-457a.
Ida. (abbrev.) **1**-24d.
—, co., Ia. [**24**-138 B2].
—, Ark. [**24**-120 D2].
—, La. [**24**-121 B1].
—, Nig.: *see* Iddah.
—, S.Dak. [**24**-137 E2].
Ida, mt., Asia M.: *see* Kaz Dagh.
Idabel, Okla. [**24**-143 J5].
Idaea (myth.) **22**-503d.
Idaen cave, Crete **6**-676d.
Idagrove, Ia. [**24**-138 B2].
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— **DECORATION** (art) **12**-474c; Pl. I. fig. 1 **15**-MODERN TENDENCIES IN APPLIED ART; American **12**-482d; Japanese **12**-484c; lighting **14**-112b; modern **12**-486a; rugs **19**-620c; wallpaper **12**-490a.
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— (card) **12**-850b.
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—, L. C. **14**-655c.
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—, H. F. (col.) **2**-172d.
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Lentille à la reine: *see* Lentil.
— large blonde: *see* Lentil.
— verte du Puy (bot.): *see* Lentil.
Lentillon de Mars: *see* Lentil.
— d'hiver: *see* Lentil.
Lentini (Lentinoi). Sic. **20**-605d; map **1**-209.
Lentisk (bot.) **15**-42c.
Lent Lily **14**-124b.
Lentner, Mo. [**24**-141 E2].
LENTO (mus.) **13**-924c.
Lentua, lake, Fin. [**24**-48 C2].
LENTULUS (Rom. fam.) **13**-924c.
—, Lucius C. (Crus or Cruscello) **13**-925a; **17**-694d.
—, Publius C. (Spinther) **13**-924d.
—, Publius C. (Sura) **13**-924d.
Lentz Double Compound **14**-895a.
Lenya, Bur. [**24**-66 D4].
Lenz, H. F. E. **9**-424d.
—, **JACOB M. R. 13**-925a; **10**-224d.
Lenz, Oskar **2**-639b; **19**-817c.
—, Switz. [**24**-31 H3].
Lenzburg, Ill. [**24**-129 C5].
—, Switz. [**24**-30 E2].
Lenze, riv., Ger. [**24**-39 K1]: Lenzerhorn, mt., Switz. [**24**-31 H3].
Lenzie Junction, Scot. [**24**-19 D6]; **13**-414d.
LEO I. (the great) **13**-925b; **2**-661d; **11**-553c; **13**-876b; **14**-803d.
LEO II. (pope) **13**-925d.
LEO III. (pope) **13**-925d; **5**-258a; **8**-404c; **19**-381a; **19**-511c.
LEO IV. (pope) **13**-926a; **6**-772d.
LEO V. (pope) **13**-926a; **5**-643c.
LEO VI. (pope) **13**-926a.
LEO VII. (pope) **13**-926a.
LEO VIII. (pope) **13**-926a; **16**-965c; **19**-512c.
LEO IX. (saint, pope) **13**-926b; **5**-681c; **16**-939c; **19**-349a; **19**-412d fol.
LEO X. (pope) **13**-926c; **17**-212b; **15**-189d fol.; cardinals created **4**-854c; Florence **9**-393a; Giulio de' Medici **5**-794d; Henry VIII. **7**-137a; **8**-468d; M. Luther **14**-493b fol.; **19**-35c fol.; Michelangelo **15**-412c; papal indulgences **21**-981a; Raphael's portrait of **18**-984b; sanction of pawnshops **17**-403b.
LEO XI. (pope) **13**-928b.
LEO XII. (pope) **13**-928b; **23**-685b
LEO XIII. (pope) **13**-928c; **3**-501a; **8**-471d; **9**-670b; **12**-808c; **17**-222c.
LEO I. (emp.) **13**-930a.
Leo II. **6**-786c.
LEO III. (the Isaurian) **13**-930b; **19**-434d; Gregory II. **19**-511a; image-worship **8**-404a; **19**-438d fol.; law **13**-211a; **19**-440d; navy **19**-444b.
LEO IV. (emp.) **13**-930d.
LEO V. (emp.) **13**-930d; **3**-787d; **14**-490b.
LEO VI. (emp.) **13**-930d; **19**-435a; basilica **3**-176a; legislation **19**-441a fol.; marriage views **6**-213c; tactics **1**-221a; **19**-444a fol.
— (of Vercelli) **7**-524c.
—, **BROTHER 13**-931a.
—, **HEINRICH 13**-931a.
—, **JOHANNES** (Giovanni) (Moor) **13**-931b.
—, **LEONARDO** (Lionardo) **13**-931d.
—, Fr.W.Af. [**24**-80 D3].
—, Ga. [**24**-114 C2].
—, Tex. [**24**-123 F3].
LEO (astron.) **13**-931d; **21**-322b; Pl. I. **21**-STAR.
— (Mithraism) **15**-620d.
—, wall of **6**-305d.
— Africanus: *see* Leo, Johannes.
— Allatius: *see* Allacci, Leone.
— of Armenia: *see* Leo V. (emp.).
LEOBEN, Aus. **13**-932a.
LEOBSCHÜTZ, Ger. [**24**-40 C3]; **13**-932a.
Leocade, St. **7**-227d.
LEOCHARES 13-932a; **10**-815b.
Leo Charles (of House of Habsburg-Lorraine) **11**-59d.
Leocorium (bldg. in Athens) **2**-606a.
Leo fecialis (heraldry): *see* Lyon-king-of-arms.
LEOFRIC (earl) **13**-932b; **8**-485b; **6**-617a.
— (bp.) **8**-962d fol.; **19**-832b.
Leofric Missal (rel.) **14**-227c.
Leola, Ark. [**24**-120 C3].
—, S.Dak. [**24**-137 F1].
Leolyn, Pa. [**24**-107 E2].
LEOMINSTER, Hereford, Eng. [**24**-16 D2]; **13**-932b.
LEOMINSTER, Mass [**24**-98 C1]; **13**-932c.
León, Francisco Ruíz de (law) **21**-149d.
—, J. Ponce de (expl.) **1**-747b; **18**-264b fol.
—, Léonie **9**-996c.
—, **LUIS PONCE DE** (poet) **13**-932c; **18**-593d; **21**-156a; **21**-157a; **21**-158c.
—, **MOSES** (Ben Shem-Tob) de **13**-932d.
—, P. de Cieza de **17**-629a.
—, Ricardo (au.) **21**-161a.
Leon, king., Sp. **16**-626a; **18**-276a fol.
—, prov., Ec. [**24**-162 B4].
LEON, prov., Sp. [**24**-32 C1]; **13**-933b; **21**-115a; il. **21**-121; **23**-654c.
—, co., Tex. [**24**-123 F4].
—, Fr. [**24**-26 B4].
—, Kan [**24**-142 F4].
—, Ky. [**24**-116 H2].
—, (**LEON DE LAS ALDAMAS**), Mex. [**24**-158 D3]; **13**-932d.
LEON, Nic. [**24**-159 G5]; **13**-933a; **16**-413b.
—, N.Y. [**24**-102 A3].
—, O. [**24**-124 E2].
—, Okla. [**24**-143 F5].
LEON, Sp. [**24**-32 D1]; **13**-933c; **4**-990b; **9**-902b; **21**-129b fol.
—, Wis. [**24**-133 C6].
—, W.Va. [**24**-111 B3].
—, mts., Sp. [**24**-32 C1]
—, Etang de, lake, Fr. [**24**-26 B4].
—, riv., Sp. **13**-933c.
—, riv., Tex. [**24**-123 E2].
Leona, Oreg. [**24**-151 B4].
—, Pa. [**24**-107 E2].
—, Tex. [**24**-123 G4].
Leonainie (Riley) **19**-308c.
LEONAIS (legend): *see* Lyonnesse.
Leonard, Benny, Pl. I. fig. 9 **3**-BOXING.
—, Charles **22**-427a fol.
—, W. E. (poet) **1**-794d; **2**-783d; **14**-637b.
—, Ark. [**24**-120 E1].
—, Colo. [**24**-147 B3].
—, Mich. [**24**-131 H7].
—, Minn. [**24**-134 C4].
—, Mo. [**24**-141 E2].
—, N.Dak. [**24**-136 G3].
—, Wis. [**24**-132 B3].
—, W.Va. [**24**-111 C3].
Leonarda (Björnson) **3**-676c.
Leonard and Gertrude (Pestalozzi) **17**-639b.
Leonard Bridge, Conn. [**24**-101 D1].
Leonardo, N.J. [**24**-105 B2].
— Aretino (schol.): *see* Bruni, Leonardo.
— **DA VINCI 13**-933d; **1**-742a; Pl. III. fig. 6 and 9 **17**-PAINTING; Pl. IV. **17**-PAINTING; anat. studies **15**-200c; camera obscura **4**-659a; capillary action **21**-593c; drawings **4**-861b; flying machine of, 1500 Pl. I. fig. 1 **1**-AERONAUTICS; geology **10**-155c; landscape **13**-670a; map **14**-842d; med. **18**-463a; portraiture **18**-266c; Raphael **18**-982b; scales **23**-482d; spinning mach. **6**-543a; statue, Sforza **20**-211c; Verrocchio **23**-91b; works **17**-38d.
— **OF PISA 13**-940d.
Leonardsburg, O. [**24**-124 C3].
Leonard Town, Md. [**24**-109 C2].
Leonardus Pisanus: *see* Leonardo of Pisa.
Leonberg, Ger. [**24**-38 E5].
LEONCAVALLO, RUGGIERO 13-941a.
Leoncita, N.Mex. [**24**-148 D4].
—, Tex. [**24**-122 C4].
Leoncius (priest) **2**-384a.
LEON DE LAS ALDAMAS, Mex.: *see* León (León De Las Aldamas).
Leone, Giovanni: *see* Leo, Johannes.
—, bay, Tutuila I., Samoa [**24**-176 E2].
—, mt., Mex. **16**-665d.
—, mt., Switz. [**24**-30 E4]; **1**-694c; **13**-957a.
— mts., W. Af. **9**-742a
"Leone" (ship) **7**-208a; Pl. fig. 5 **7**-DESTROYER.
Leonel, Okla. [**24**-143 E2].
Leonelli, Zecchini **14**-303b; **15**-80c.
Leonforte, Sic. [**24**-35 E6].
"Leon Gambetta" (cruiser) **6**-771b; **23**-784c.
Leonhard, von (geol.) **17**-673a.
Leonhart, Dorette **4**-400c.
Leoni, Ottavio **21**-411a.
Leonia, Ida. [**24**-145 B1].
—, N.J. [**24**-104 D2].
Leonico, A. (dram.) **7**-591a.
Leonid (meteors) **6**-102b; **6**-104c; **1**-155d; **13**-932a; **15**-338a fol.
Leonidaeum (bldg.) **16**-780b.
LEONIDAS (k.) **13**-941a; **10**-594b.
—II. (k.) **5**-800c; **21**-172c.
Leonidas (Glover) **10**-440b.
Leonidas, Tomb of **21**-170c.
Leonidi, Gr. [**24**-54 C4].
Leonine (wall) **23**-3c.
— city, dist., Rome, It. **2**-82a.
— **VERSE 13**-941b; **19**-270d.
Leon Junction, Tex. [**24**-123 F4].
— mine (mil.) **15**-535a.
LEONNOYS (legend): *see* Lyonnesse.
LEON OF MODENA 13-941b; **11**-362a.
Leonora (of Aquitaine) **1**-688a.
— (queen of Navarre) **5**-280b.
— (of Portugal) **9**-714a.
— (of Port., 1386) **18**-277c.
—, Austr. [**24**-168 C4].
Leonora (Beethoven): see *Fidelio.*
Lenora Telles (queen of Port.): *see* Leonora (queen of Port.).
Leonore, Ill. [**24**-128 D2].
Leonore (Beethoven): see *Fidelio.*
Leonotis (bot.) **16**-127d.
Leonov, Leonid (au.) **19**-757b.
Leon Ponferrada, Sp. **13**-933c.
León Roch (P. Galdós) **21**-159d.
LEONTIASIS OSSEA 13-941b.
Leontiev, Constantine (au.) **19**-754b.
LEONTINI, Sicily **13**-941c.
LEONTIUS (theol.) **13**-941c; **10**-841c; **10**-843c.
Leontopodium alpinum: *see* Edelweiss.
Leontopolis, Egy. **8**-77c.
Leonville, La. [**24**-121 C3].
LEOPARD 13-941d; **3**-553a; Pl. III. fig. 2 **9**-FUR; **12**-155c.
"Leopard" (ship) **22**-796c.
Leopard, snow **3**-553c.
Leopard-cat **5**-13d; Pl. I. fig. 6 **5**-CATS.
— heraldry **11**-468c.
LEOPARDI, GIACOMO, count (poet) **13**-942a; **12**-746d.
Leopard moth **13**-948b; **13**-955c.
LEOPARDO, ALESSANDRO (sculp.) **13**-942d; **4**-243c; Pl. XI. fig. **20**-SCULPTURE TECHNIQUE.
LEOPARD SEAL: *see* Sea leopard.
Leopard's head (hall mark) **20**-689b.
Leopard societies **14**-511a.
Leopardus **4**-809a.
— pardalis: *see* Ocelot.
LEOPOLD I. (Rom. emp.) **13**-942d; **2**-755b; **10**-271c; Frederick I. **9**-715d; genealogy **11**-58b; Hung. **11**-907c; negotiations with **22**-431c; Pol. **18**-142a; Pragmatic sanction **11**-60a.
LEOPOLD II. (Rom. emp.) **13**-943b; **10**-277a; Austria-Hungary **2**-757d; Belgium **3**-350b; Bohemia **3**-782b; Hungary **11**-908c; genealogy **11**-59a; **14**-882a; Transylvania **22**-431d.
LEOPOLD I. (k. of Belg.) **13**-943c; **3**-360d; **7**-760d; **7**-862c; **23**-125a.
LEOPOLD II. (of Belg.) **13**-944a; **3**-361c; Congo Free State **6**-243a; **3**-362b; **1**-323c; **1**-325a; Stanley **21**-315c; will **6**-244c.
— I. (of Anhalt-Dessau): *see* Anhalt-Dessau, Leopold I., prince of.
— II. (of Anhalt-Dessau) **1**-957d; **2**-777a.
— (of Hohenzollern-Sigmaringen) **10**-291c.
— (of Saxe-Coburg): *see* Leopold I. (k. of Belg.).
—, archduke (Sp. Netherlands) **9**-885a fol.
— I. (of Tuscany) **22**-632d fol.
— II. (of Tuscany) **4**-818d; **9**-393c; **9**-665c; **11**-59d; **12**-802c; **22**-633b.
—, duke of Albany **23**-126b.
— (of Babenberg): *see* Luitpold.
— III. (of Carinthia): *see* Leopold III. (of Habsburg, duke of Aus.).
— I. (Habsburg) **11**-58a.
— II. (Habsburg) **11**-58c.
— III. (Habsburg) **11**-57a; **11**-58c; **21**-683a.
— IV. (Habsburg) **11**-58c.

LEOPOLD II. (of Habsburg-Lorraine) **13**-944b; **11**-59a.
Leopold (of Lorraine) **14**-397c.
— III. (of Styria): *see* Leopold III. (of Habsburg, duke of Aus.).
— VI. (of Styria) **2**-837d.
— III. (of Tyrol): *see* Leopold III. (of Habsburg, duke of Aus.).
— III. (margrave of Aus.) **2**-837d; **16**-967c.
— IV. (margrave of Aus.) **2**-837b.
—, Carl Gustaf (au.) **21**-657a.
—, Svend (writ.) **7**-35c.
—, William (Habsburg, d. 1614) **11**-58d.
—, William (bp.); **9**-166c.
—, Ind. [**24**-127 B4].
LEOPOLD II., lake, Bel. Cong. [**24**-82 C3; **24**-185 E6]; **13**-944d; **18**-287a.
—, Order of **13**-436c.
Leopoldina, Goyaz, Braz. [**24**-163 B5].
—, Minas Geraes, Braz. [**24**-164 B5].
—, Pernambuco, Braz. [**24**-164 C2].
Leopoldine (of Aus.): *see* Leopoldine (of Braz.).
— (Braz.) **11**-59a.
Leopoldville, Bel. Cong. [**24**-82 C3]; **3**-345b.
Leora, Mo. [**24**-141 G4].
Léormont, Fr. **14**-486c.
Leota, Minn. [**24**-135 B8].
Leoti, Kan. [**24**-142 A3].
LEOTYCHIDES **13**-944d; **7**-178b.
Leova: *see* Luiva.
LEOVIGILD (LOWENheld) **13**-945a; **21**-126a; **10**-210c; **10**-551a.
Leoville, Kan. [**24**-142 B2].
Leovo, Rum. [**24**-53 E2].
Lepa, Upolu I., Samoa [**24**-176 C1].
Lepadidae: *see* Stalked barnacle.
Le Palais, Fr. **3**-379d.
Lepanto, Gr. [**24**-54 B3].
—, **THE BATTLE OF** (1571) **13**-945b; **13**-92d; **22**-602d; **23**-64d; **19**-973b; battle, 1499 **22**-600c.
—, gulf, Gr.: *see* Corinth, gulf, Gr.
Lepanto (Chesterton) **5**-440b.
Lepargyraea argentea: *see* Buffalo-berry.
— canadensis: *see* Canadian buffalo-berry.
Lepas fig. 4 **6**-800.
— anatifera: *see* Goose-barnacle.
Lepau, isl., Du. E. I. **3**-36a.
Lepautre, Jean **12**-676b.
LEPCHA **13**-945c; **7**-60c; **20**-651a.
Lepel, U.S.S.R. [**24**-48 C4].
LE PELETIER (LEPELLEtier) De Saint-Fargeau, L. M. **13**-945c.
Leper: *see* Cagot.
Lepers, isl., New Hebrides Is., Pac. O. [**24**-176 A1].
Lepeta (zool.) **10**-63a.
Le Petit-Quevilly, Fr. [**24**-24 G2].
Lepidine **18**-854b.
Lepidium **17**-498a; *see also* Cress.
— ruderale: *see* Roadside pepper-grass.
— sativum: *see* Cress; garden cress.
— virginianum: *see* Wild pepper-grass.
Lepidocaris **4**-28a; **6**-805a.
— rhyniensis: *see* Devonian fossil.
Lepidocarpon **17**-75c.
Lepidocoleus fig. 10 **7**-898.
Lepidocrocite **10**-475d; **14**-135c.
Lepidocyclina **8**-631d; **15**-584a.
Lepidodendron **4**-846b; Pl. I. fig. 7 **17**-PALAEOBOTANY; **17**-74d.
Lepidolemur: *see* Sportive lemur.
LEPIDOLITE (LITHIA-Mica) **13**-945d; **15**-406a; **19**-611c.
Lepidomelane **3**-621c.
Lepidophyma **14**-245c.
LEPIDOPTERA (zool.) **13**-945d; **12**-418c; **13**-952b; distribution **13**-954d; hearing **11**-800c; natural history **13**-953c; olfactory **20**-821a fol.; pollination **18**-170b.
Lepidopteris **17**-86d.
Lepidosaphes ulmi: *see* Apple scale insect.
Lepidosiren (zool.) **14**-487a; **9**-328b
Lepidosteoid ganoids **17**-107d.
Lepidosteus (zool.): *see* Garpike.
— osseus (zool.) *see* Long-nosed gar.
Lepidostrobus **17**-75b.
Lepidotus **13**-194a.
Lepidurus glacialis (zool.) fig. 3 **4**-28.
LEPIDUS (fam.) **13**-956c.
—, M. A. (triumvir) **2**-687a; **19**-497d; **16**-622c.
—, M. Aemilius (consul) **1**-221b.
Lepini, mts., It. [**24**-34 D4]; **2**-95b; **12**-755d.
L'Epiphanie, Que., Can. [**24**-89 B3].
Lepisma saccharina: *see* Silver fish.
LE PLAY, P. G. FREDERIC **13**-956d; **20**-914a.
Lepodermatidae **22**-451b.
Le Poiré, Fr. [**24**-26 B1].
Le Pollet, Fr. **7**-347d.
Lepomis auritus: *see* Long-eared sunfish.
Le Pont, Switz. [**24**-30 A3].
Le Pont-de-Beauvoisin, Fr. [**24**-27 J2].
Lepontic inscriptions **14**-119b.
LEPONTINE ALPS, (Adula mts.) mts., Switz. [**24**-31 G3; **24**-186 E3]; **13**-957a.
Lepospondyls **1**-833a fol.; **1**-836d; **1**-838b.
Lepperhey, Johann **3**-583b.
Leppich, Franz **11**-199b.
Lepra: *see* Syphilis.
Lepra Arabum: *see* Leprosy.
Lepraea Bacillus Pl. IV. fig. 16 **2**-BACTERIOLOGY.
Lepreau, pt., N.B., Can. [**24**-88 C3].
Lepreum, Gr. **8**-361a.
Le Prince, J. B. **2**-159b; **8**-611c.
LEPROSY **13**-957a; **11**-270d; **17**-134c; **21**-48b; **22**-73b.
Leprosy and Fisheating (Hutchinson) **11**-947a.
Lepsa, riv., U.S.S.R. **2**-991d.
Lepsina, Gr.: *see* Eleusis.
LEPSIUS, KARL R. **13**-958b; **8**-41c fol.; **15**-328a.
— alphabet **18**-579d.
Leptaena rhomboidalis Pl. figs. 15, 18 and 19 **3**-BRACHIOPODA.
Leptamnium virginianum: *see* Beech-drops.
Leptaspis (bot.) **10**-654a fol.
Leptauchenia (fossil) fig. 5-A **2**-481.
Leptiminus, Af.: *see* Leptis Parva.
"Leptines, Against" (Demosthenes) **7**-193a.
Leptinotarsa decemlineata: *see* Colorado potato beetle.
LEPTIS, Af. **13**-958c; Magna **3**-205a; **1**-318a; map **19**-500 (E5); Parva (minor) **13**-959a.
Leptocephali **8**-22c; **9**-317b.
Leptochlorites **5**-609c.
Leptocoelia flabellites (zool.) **7**-291d.
Leptodactylidae: *see* Cystignathidae.
Leptolepidae **9**-313c; **17**-108a.
Leptolepis **13**-194b.
Leptom (bot.) **18**-6c.
Leptomanis **7**-951c.
Leptomedusae (zool.) **12**-4d.
Leptonychotes weddelli: *see* Weddel's seal.
Leptoplanidae **22**-573d.
Leptoptilus argala **9**-131c.
— crumenifer: *see* Marabou Stork.
— dubius **1**-168a.
— javanicus **1**-168a; **9**-131c.
Leptospira **15**-186d.
— icterohaemorrhagiae **2**-893b.
— icteroides **2**-893c; **15**-194c; **23**-883c.
Leptosporangiate ferns **18**-728d.
Leptosyne maritima: *see* Sea dahlia.
Leptotene stage **6**-948a.
Leptotila fulviventris brachyptera: *see* White-fronted dove.
Leptotyphlopidae (Glauconiidae) **20**-851a.
Le Puglie, dist., It.: *see* Apulia.
Lepus: *see* Hare, North American.
— (astron.) **21**-323c; Pl. II. **21**-STAR.
— arcticus: *see* Polar hare.
— europaeus: *see* Hare.
— granatensis: *see* Iberian hare.
Lepus groenlandicus: *see* Greenland hare.
— hibernicus **11**-194d.
— netscheri **21**-549b.
— timidus: *see* Blue hare.
— variabilis: *see* Mountain hare.
LE PUY (Le Puy en Velay), Fr. [**24**-27 G2]; **13**-959a; **11**-256c; Pl. IV. **9**-FRANCE; **17**-927d.
— cathedral **21**-271b; Pl. IV. **9**-FRANCE; **21**-298c.
— St. Front, Fr.: *see* Vesunna.
Le quatorze juillet (Rolland) **19**-388a.
Le Quesnel, Fr. **1**-813a.
LE QUEUX, W. T. (nov.) **13**-959b.
Lequire, Okla. [**24**-143 H3].
Lequis, von (gen.) **4**-814d fol.
Ler, riv., Sp.: *see* Lerez.
Lera, Fr.W.Af. [**24**-80 D3].
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Lerado, O. [**24**-125 A4].
Le Raysville, Pa. [**24**-107 E2].
Lerbäck, Swed. [**24**-45 F2].
Lerberghe, Charles van (poet) **3**-349a.
Lercara, Sic. [**24**-35 D6].
Lerdo, Mex. [**24**-158 D2].
— **DE TEJADA, S.** **13**-959c.
Léré, Fr. [**24**-25 H4].
Lerene, riv., Eur.: *see* Dnieper.
Lerez, riv., Sp. **9**-977a.
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LERIDA, prov., Sp. **13**-959d.
LERIDA, Sp. [**24**-33 G2]; **13**-959d.
LERINS, ILES DE, Fr. [**24**-27 L4]; *see also* Cannes.
Lerins, St. Vincent of: *see* Vincent of Lerins, St.
Leris, Claire (act.): *see* "Clairon, La."
Lerma, Pedrode **12**-383b.
—, Sp. [**24**-32 E1].
—, R. de, Mex. [**24**-158 D3]; **15**-425d; **12**-871d.
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Le Roi, Adenès: *see* Adenès.
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Lerothodi **3**-197a.
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LEROUX, PIERRE (philos.) **13**-960b.
— Wash., Ariz. [**24**-149 E3].
Le Rouzic, Z. **4**-889b.
Le Roy, Adrien **20**-986b.
— **-BEAULIEU, A.** **13**-960d.
— **-BEAULIEU, PIERRE P.** **13**-960d.
—, Philip **22**-975a.
—, Ala. [**24**-118 A4].
—, Ia. [**24**-138 D4].
—, Ill. [**24**-128 D3].
—, Ind. [**24**-126 A1].
—, Kan. [**24**-142 G3].
—, La. [**24**-121 B3].
—, Mich. [**24**-131 F5].
—, Minn. [**24**-135 F8].
—, Mont. [**24**-144 D2].
—, N.Dak. [**24**-136 G1].
LE ROY, N.Y. [**24**-102 C3]; **13**-960c.
—, Pa. [**24**-107 E2].
—, Tex. [**24**-123 F4].
—, Wyo. [**24**-146 B4].
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Lervily, pt., Fr. [**24**-25 A3].
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—, W.Va. [**24**-111 A3].
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LES ANDELYS, Fr. [**24**-24 G2]; **13**-961d.
Le Sap, Baldwin of: *see* Baldwin (sheriff of Devon).
Les Arènes Pl. II. fig. 5 **21**-STADIUM.
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— Bergeronnes, Que., Can. [**24**-89 D1].
Lesbia (Clodia) **4**-518d; **5**-52a; **5**-840d.
Lesbian leaf (arch.) **15**-926b.
Lesbius (Catullus) **5**-52b.
LESBONAX **13**-962a.
Les Bordes, Fr. [**24**-24 H4].
LESBOS, isl., Aeg.S. [**24**-55 E3; **24**-9 M6]; **13**-962a; Delian League **7**-165b; Athens **17**-453a; map **19**-501 (H4).
Les Brenets, Switz. [**24**-30 B2].
Lesbury, Northumb., Eng. [**24**-12 C2].
Les Cabannes, Fr. [**24**-26 E5].
Lescar, Fr. [**24**-26 C4].
L'Escarène, Fr. [**24**-27 L4].
Les Cayes, Hai. **11**-82c.
LESCHES **13**-962d.
— Clairet (abbey, Fr.) **22**-434b.
LESCHETIZSKY, THEODOR **13**-962d.
L'Escluse, Charles de (bot.) **18**-327a.
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Lescot, Pierre Pl. XVIII. fig. 3 **2**-ARCHITECTURE.
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— Eaux-Chaudes, Fr. **7**-878c.
— Eboulements, Que., Can. [**24**-89 C2].
— Echelles, Fr. [**24**-27 J2].
— Eglisottes, Fr. [**24**-26 C2].
Le Sentier, Switz. [**24**-30 A3].
Leser: *see* Haugianer.
Les Escoumains, Que., Can. [**24**-89 D1].
— Essarts, Fr. [**24**-24 D5].
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Leshana, Neb. [**24**-139 H3].
Leshem, Pal.: *see* Dan.
Les Herbiers, Fr. [**24**-24 D5].
Leshia, N. Mex. [**24**-148 F3].
Leshnevka, Pol. [**24**-41 G3].
Les Ifs, Fr. [**24**-24 F2].
Lesina, isl., Yugos.: *see* Hvar.
LESION **13**-963c; **16**-956a; **2**-896c.
Lesjaverk, Nor. [**24**-42 D5].
LESKOV, NIKOLAI SEMEnovich **13**-963c; **19**-755a.
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Leslie fam.: *see* Rothes, Earls of.
—, Alexander, 1st earl of Leven: *see* Leven.
—, **CHARLES** (cler.) **13**-964c.
—, **CHARLES R.** (paint.) **13**-964c.
—, **DAVID:** *see* Newark, David Leslie, Lord.
—, John, 6th earl of Rothes (Scot. pol.): *see* Rothes.
—, **JOHN** (bp.) **13**-963d.
—, **SIR JOHN** (math.) **13**-964d.
—, John (phys.) **21**-594a.
—, **J. PETER** (geol.) **13**-964b.
—, Sir Patrick **16**-272d.
—, **THOMAS E. C.** (econ.) **13**-964d.
—, co., Ky. [**24**-116 G3].
—, Ga. [**24**-114 B5].
—, Ia. [**24**-138 D4].
—, Ida. [**24**-145 E6].
—, Ky. [**24**-116 E4].
—, Md. [**24**-109 D1].
—, Mich. [**24**-131 G7].
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LESLIE, Scot. [**24**-18 E5]; **13**-965a.
—, S.Dak. [**24**-137 C2].
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Les Moutiers, Fr. [**24**-26 B1].
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Les Pleiades, Switz. [**24**-30 B4].
— Ponts, Switz. [**24**-30 B3].
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— **SABLES D'OLONNE,** Fr. [**24**-26 B1]; **13**-965c.
— Saintes, isl., W.I. [**24**-157 F3].
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Lesse, Wash. [**24**-150 F2].
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—, Ferdinand de, mt., Braz.: *see* Ferdinand de Lesseps.
—, riv., Colom.: *see* Guaviare.
Lesser (in place names), e.g. Lesser Antilles, Lesser Slave, etc.: *see* Antilles, Slave, etc.
Lesser ant-eater **7**-949c.
— Bairam (festival): *see* Küchük Bairam.
— baron (title) **3**-130a.
— bird of paradise **3**-640a.
— Birdsfoot Trefoil (bot.) **10**-648d.
— celandine (bot.) **5**-88a; *see also* Pilewort.
— curlew (bird) **6**-876b.
— death-watch (zool.) **7**-114c.
"Lesser Doxology" **7**-565b; *see also* "Gloria patri."
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— Seal writing (Chin.) **5**-569c.
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— Sunda, isls., Du.E.I. **7**-870c; **20**-956c.
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Lessness (Lesnes heath) Kent, Eng.: *see* Belvedere.
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—, Ia. [**24**-138 A1].
—, Ill. [**24**-129 D5].
—, Neb. [**24**-139 F4].
—, O. [**24**-124 D2].
—, S.C. [**24**-113 E2].
—, Wash. [**24**-150 D3].
—, W.Va. [**24**-111 B4].
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Lester Prairie, Minn. [**24**-135 D7].
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—, Mo. [**24**-141 G4].
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L' ESTRANGE, SIR ROGER **13**-968b; **16**-335b; **8**-587d.

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—, co., Minn. [24-135 E7].
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Let (badminton) 2-918c; lawn tennis 13-784c fol.; rackets 18-872c.
Le Tableau, Que., Can. [24-89 C1].
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—, co., Ky. [24-116 H3].
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Life salvage (law) **19**-906b.
— **SAVING:** *see* Drowning and Life Saving.
— -saving rocket **19**-367a.
— -saving service (U.S.) **14**-48c fol.
— -stream (anthro.) **1**-887d.
— **TABLES 14**-55d; *see also* Mortality Tables.

Life-weed (bot.): *see* Golden ragwort.
—-zones **3**-599d; **7**-918a; **16**-920c.
Liffey, riv, Ire. [**24**-20 E3]; **13**-377a.
Liffol-le-Grand, Fr. [**24**-25 L3].
—-le-Petit, Fr. [**24**-25 L3].
Lifford, Ire. [**24**-20 D2]; **12**-594a.
Liffré, Fr. [**24**-24 D3].
Lifou, Timor I., Mal. Arch. [**24**-72 F5].
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— vessel **19**-911b.
Lift off (aero.) **17**-253b.
Lifton, Eng. [**24**-17 B4].
Lift pump **18**-84d.
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Lifu, isl., Pac.O., **14**-448a; **17**-8a.
LIGAMENT (anat.) **14**-57c; fig. 1 **23**-233.
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— teres **13**-131a.
Ligan (law): *see* Flotsam, Jetsam, Ligan.
LIGAO, P.I. 14-57c.
Ligature **14**-202b; **21**-605c.
Lige, Belg.: *see* Liége.
Liger, riv., Rom. Emp. map **19**-500 (C2).
Ligerz, Switz. [**24**-30 C2].
Ligger, bay, Corn., Eng. [**24**-17 A4].
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—, O. [**24**-124 A3].
Light, C. L. **22**-396c.
—, Edward **11**-215b.
—, co., Austr. [**24**-170 D5].
—, Ark. [**24**-120 E1].
—, Tex. [**24**-123 E5].
LIGHT (phys.) **14**-57d; **21**-433b; **16**-361c; **20**-763b; **23**-842a; absorption **6**-826c; cathode ray **8**-269c; colour **23**-207b; Pl. I. **16**-OIL PAINTING, TECHNIQUE OF; electromagnetic **8**-214a; **8**-253d; **17**-881a; **8**-189c; **19**-95d fol.; **10**-333d; interference **20**-120c; **12**-469a; **14**-62b; **23**-940b; measurement **1**-130d; **15**-417a; **17**-839c; fig. 1 **6**-54; in music **20**-195a; **5**-784a; optics, rainbow **18**-954b; **23**-201c fol.; **19**-31d fol.; **9**-230b; **2**-99c; photo-chemistry **17**-787c; **17**-789a; **17**-848b; **18**-29a; quantum **18**-824a; **19**-92c; radiation **11**-335a; refraction **14**-72a; **7**-500a; atomic theory **14**-75c; selenium **20**-303a; therapeutics **20**-754b; **5**-813c; **16**-942d; polarization **14**-69c; **9**-71a; **15**-441a; **20**-763b; **17**-792a; *see also* Daylight, Artificial; Aberration; Colour, Photometry; Phosphorescence; Velocity.
— **AND RADIATION IN RELATION TO HEALTH 14**-82c.
— and shade (device) Pl. I. fig. 2 **23**-WATERMARKS.
Light artillery **2**-409c.
—-bath **14**-83d.
— Brahma (fowl) Pl. II. figs. 3, 4 **18**-POULTRY AND POULTRY FARMING.
— **BRIGADE** (Brit.) **14**-84c.
Lightcap, S.Dak. [**24**-137 C1].
LIGHT CASTINGS INDUSTRY 14-84c.
— cavalry **21**-742b.
— cruiser **6**-769a fol.; **23**-777a; World War **23**-788b.
— Division (mil.) **15**-784a; France **2**-412d.
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LIGHTER (ship) **14**-86b; **3**-109b; **3**-762a fol.
Light filters **17**-827d.
LIGHTFOOT, JOHN 14-86b; **7**-789c.
—, **JOSEPH B. 14**-86c.
—, lake, Austr. [**24**-168 C4].
— machine **22**-565d.
Light gauge drum **6**-327b.
Lighthall, W. D. **4**-716b.
Light Horse Harry (gen.): *see* Lee, Henry.
Light House, Ill. [**24**-128 C2].
—, pt., Fla. [**24**-115 D2].
—, reef, Carib. Sea [**24**-159 G4].
"Lighthouse, The" (Snell) Pl. II. fig. 8 **23**-WATER COLOUR PAINTING.
LIGHTHOUSES 14-86d; **14**-47d.
Light infantry (mil.) **12**-329c; **21**-746b.
LIGHTING AND ARTIFICIAL ILLUMINATION 14-105a; **12**-100b; electricity **8**-199a; acetylene **1**-119a; airports **1**-235a; artificial daylight **7**-93b; coal mines, collieries **5**-889b; decoration **6**-63c; household **11**-825b; **12**-487a; industrial **12**-101c; office buildings **12**-283d; public utility **18**-745a fol.; reading lamps **13**-631b; school **20**-95a; selenium **20**-303c.
Lighting (stage): *see* Stage lighting.
— and Watching Act (1883, Eng.) **21**-845d.
— load diagram (elec.) graph fig. 4 **8**-286.
Light metals (met.) **15**-315a.
—-mill (instru.): *see* Radiometer.
Lightning, cr., Wyo. [**24**-146 H2].
LIGHTNING 14-115c; **22**-168b; electricity **8**-288d fol.; electron currents **8**-227a; fulgurite **9**-009b; transmission lines **8**-169c.
"Lightning" (ship) **7**-266d.
Lightning (surname): *see* Bayezid I.
— arrester (elec.) **8**-170a; **8**-288d fol.
— **BUG 14**-115c.
— **CONDUCTOR 14**-115c; **9**-692a.
— Flat, Wyo. [**24**-146 G1].
— **INSURANCE**: *see* Insurance: *Miscellaneous;* Agricultural Insurance.
— Ridge field Austr. **16**-331a.
— rod: *see* Lightning conductor.
Light of Asia (Arnold) **2**-423b.
Light oil **17**-667d.
— oil engine: *see* Petrol engine.
— **ORGAN**: *see* Colour Music.
—-organ (zool.) **5**-151d.
— post (naut.) il. **4**-395b.
—-quantum hypothesis (phys.) **8**-114a.
LIGHT RAILWAYS, MILITARY 14-116d.
— Railways Act (1896, Eng.) **22**-398b.
— rays **1**-41c; **16**-815d fol.; *see also* Radiation.
— red silver ore: *see* Proustite.
—reflective effect (yarns) **23**-879d.
Lights, Ancient (law): *see* Ancient lights.
—, Feast of: *see* Dedication, Feast of.
— and perfections (bibl.): *see* Urim and Thummim.
Lightsey, Miss. [**24**-119 D4].
Light shekel (coin) **20**-482c.
LIGHTSHIP (LIGHTVESSEL) 14-117c.
Light spectrum (optics) **21**-320a.
Lightsville, O. [**24**-124 A3].
Light-vector (phys.) **14**-69c.
— wave (phys.) **17**-879d; **18**-877d; **12**-473b.
—**YEAR 14**-117d.
Lign-aloes (wood) **1**-675b.
LIGNE, CHARLES JOSEPH, prince de **14**-117d.
—, Eugene Lamoral de **14**-117d.
—, Fr. [**24**-24 D4].
Ligne (measure): *see* Line.
— Isochrone (math.): *see* Semi-cubical parabola.
— parallèl (siegecraft): *see* Place of arms.
Ligniera (fungi) **20**-934a.
Lignières, Fr. [**24**-24 H5].
Lignified cell (bot.) **18**-6b.
LIGNITE (min.) **14**-117d; **9**-890d fol.; briquetting **4**-152d; Montana **15**-748c; production **5**-894c; steam generation **21**-363a; tar **21**-821a; *see also* Coal.
Lignites du Soissonais (geol.) **8**-633b.
Ligno-cellulose **5**-101a.
Lignon, riv., Fr. **11**-256b.
Lignone (chem.) **5**-101a.
Lignose colour film (phot.) **17**-818b.
Lignum, Va. [**24**-110 G2].
— guaiaci: *see* Guaiacum officinale.
— nephriticum (wood) **9**-423a.
— vitae (bot.) **10**-928b.
Ligny, Belg. [**24**-29 C4]; **9**-872d; battle (1815) **23**-420b.
Ligny-en-Barrois, Fr. [**24**-25 L3]; **19**-848d.
Ligny-le-Châtel, Fr. [**24**-25 J4].
Ligonha, riv., Port. E. Af. [**24**-83 G6].
LIGONIER, JOHN (Jean Louis) **LIGONIER**, earl **14**-118a.
—, Ind. [**24**-126 C1].
—, Pa. [**24**-106 B3]; **16**-164b.
Ligore, Siam: *see* Nakhon Sri Tammarat.
Ligorio, Pirro **23**-3d; Pl. II. fig. 6 **21**-STAIR-STAIR CASE.
Ligowski (math.) **15**-81d.
Ligowski trap **22**-434c.
Liguanea, plain, Jam **12**-872a.
Liguasan, marsh, P.I. [**24**-73 B4].
Liguest, Pierre Laclede **19**-844b.
Ligula (zool.) **12**-407c; fig. 2 **21**-804.
Ligulatcae (bot.) **17**-74d.
Ligulate corolla **9**-413a.
Ligule **10**-653b; **18**-727c; **13**-827b.
Liguliflorae (bot.) **6**-184b.
LIGUORI, ALFONSO MARIA Dei 14-118b.
LIGURES BAEBIANI, It. **14**-118c.
— Corneliani, It. **14**-118c.
LIGURIA, dist., It. [**24**-34 B2]; **14**-118c; **13**-856b; **18**-322d; **13**-565b; language **12**-788a; people **6**-89b fol.; **12**-736b.
Ligurian, sea, It. [**24**-34 B3].
— Alps, mts., It. [**24**-34 A2].
— Apennines, mts., It. [**24**-34 B2]; **2**-94c.
Ligurian Republic: *see* Genoa.
— (sect): *see* Redemptorists.
Ligurinus: *see* Greenfinch.
Ligurta, Ariz. [**24**-149 A6].
Ligustrum (bot.): *see* Privet.
— ovalifolium (bot.): *see* California privet.
— vulgare (bot.): *see* European privet.
Ligyes (people): *see* Salyes.
Ligystike, anc. country, Eur. **19**-915a.
Lihons, Fr. **1**-813b.
Lihou, reef, Queens., Austr. [**24**-169 D2].
LI HUNG CHANG 14-119c; Chino-Japanese War **5**-538d; Gordon **22**-527c; Jaiping revolt **10**-525c; Tongking **22**-280c.
Lihyānī (lang.) **20**-315a.
Lije, Turk. [**24**-59 J3].
Lika, Paulus Scalichius de, count **8**-424b.
Lik'an (art.) **9**-419a.
Likasi, Bel. Cong. [**24**-83 E5].
Like, The (golf) **10**-504b.
Like-as-we-Lie (golf) **10**-504b.
Likely, Calif. [**24**-154 C2[.
Like-wake (rel.): *see* Lich-wake.
Li Ki (book) **6**-238c; **5**-574c.
Li Kiang-fu, China [**24**-68 G6].
Likiep, isl., Pac. O. **17**-10b.
Likimt, mt., Mor. **2**-639b.
Likin (taxes) **5**-520c.
Likoma, isl., Nyasaland [**24**-83 F5]; **16**-656b.
Likumut, mt., Mor. **15**-813b.
Likungo, riv., Port. E. Af. [**24**-81 F1].
Likupang, isl., Celebes I., Mal. Arch. [**24**-72 F3].
L.L.A. (abbrev.) **1**-25b.
Lila, lake, N.Y. [**24**-103 F1].
Lilac, Ky. [**24**-116 D3].
—, Neb. [**24**-139 C3].
LILAC (PIPE TREE) 14-120a; **17**-506d.
—, California: *see* California lilac.
LILBURNE, JOHN 14-120c; **3**-1009c; **13**-975a.
—, Robert **14**-120d; **10**-748d.
L'Ile, Fr.: *see* Lille.
Liletown, Ky. [**24**-116 E3].
LILIACEAE (bot.) **14**-120d; **9**-936c; *see also* Dracaena.
LILIENCRON, DETLEV VON 14-122a; **10**-228c.
Lilienfeld (Ger. phys.) **23**-844c; **8**-263c.
— process (silk mfr.) **20**-663b.
Lilienstein, mt., Ger. **20**-32a.
Lilienthal, H. **11**-312a.
—, **OTTO 14**-122b; **10**-428a.
Liliev, Nicolai **4**-369c.
Liliiflorae (bot.) **13**-2a.
Lilioideae (bot.) **14**-121b.
LILITH (folk-lore) **14**-122b.
Lilium (bot.) **14**-121b.
—canadense: *see* Meadow lily.
— candidum: *see* White lily.
— Columbianum: *see* Columbia lily.
— Grayi: *see* Gray's lily.
— Humboldti: *see* Humboldt lily.
— longiflorum: *see* White trumpet lily.
— longiflorum (bot.): *see* Long-flowered white lily.
— philadelphicum: *see* Wood lily.
— speciosum **9**-417c.
— superbum: *see* Turk's-cap lily.
— Tigrinum: *see* Tiger lily.
— Washingtonianum: *see* Washington lily.
Liliuokalani, (q. of Hawaii) **5**-806d; **7**-505a; **11**-273b.
Lilius, Aloysius **4**-570d.
Lilja Göran: *see* Stjernhjelm, Georg.
Lille, Alain de: *see* Alain de Lille.
—, Sir J. S. **20**-805b.
LILLE, Fr. [**24**-25 J1]; **14**-122b; battles (1914) **9**-869d; **23**-912c; porcelain **18**-351c.
—, Me. [**24**-96 D1].
—, riv., Fr. [**24**-24 D3].
LILLEBONNE, Fr. [**24**-24 F2]; **14**-123a.
Lille-Fosen, Nor.: *see* Christiansund.
Lillehammer, Nor. [**24**-43 E6].
Lillers, Fr. [**24**-24 H1].
Lillesand, Nor. [**24**-44 C2].
Lilleshall, Salop., Eng. abbey **16**-326c; **20**-588a.
Lillestrøm, Nor. [**24**-44 D1].
Lillhärdal, Swed. [**24**-43 G6].
Lillian, Ala. [**24**-118 B5].
—, Neb. [**24**-139 E3].
—, Tex. [**24**-123 F3].
LILLIBULLERO (LILLIburlero) 14-123a; **23**-557b.
Lillie, La. [**24**-121 B1].
Lilliers, Fr. **11**-353a.
Lilliesleaf, Roxburgh, Scot. [**24**-12 B2].
Lillington, N.C. [**24**-112 G2].
Lillis, Kan. [**24**-142 F2].
Lilliwaup, Wash. [**24**-150 B3].
LILLO, GEORGE 14-123b; **7**-603b.
—, Minn. [**24**-134 C4].
—, Sp. [**24**-32 E3].
—, ft., Belg. [**24**-29 C3].
Lillooet, lake, B.C., Can. [**24**-92 E4].
—, riv., B.C., Can. [**24**-92 E5].
— (tribe) **4**-702d fol.; **19**-888a.
Lilly, Gregorio **14**-842d
—, **JOHN**: *see* Lyly, John.
—, **WILLIAM 14**-123c.
—, O. [**24**-125 B4].
—, Pa. [**24**-106 C3].
—, W.Va. [**24**-111 C4].
Lillydale, Tenn. [**24**-117 F1].
Lillywhite, William **6**-699a.
LILOAN, P.I. 14-123d.
Lilongwe, Nyasaland [**24**-83 F5].
Li Lung-mien (art.) **5**-578b.
Lily, William (schol.): *see* Lilye, W.
—, Colo. [**24**-147 B1].
—, Ky. [**24**-116 F3].
—, S.Dak. [**24**-137 G1].
—, Wis. [**24**-132 E4].
LILY 14-123d; **9**-417b; fig. 60 **9**-412; **7**-503b; her. **9**-374a; perfume **17**-506d: *see also* Arum lily.
Lily (Reymont) **19**-242b.
Lily, order of the **9**-374a.
— Sand: *see* Sand Lily.
Lilybaeum, Sic.: *see* Marsala.
—, cape, anc. Sic.: *see* Boeo.
Lilybay, Me. [**24**-96 C3].
Lilydale, Queens., Austr. [**24**-169 A2].
—, Vict., Austr. [**24**-171 G6].
Lily Dale, N.Y. [**24**-102 A3].
LILYE, WILLIAM 14-124c.
Lily Lake, Ill. [**24**-128 D2].
LILY-OF-THE-VALLEY 14-124d; **9**-417b.
Lim, riv., Yugos. [**24**-52 D3].
Lima, Araujo **4**-58c.
—, Rodrigo de **6**-619a.
Lima, Simón F. de **5**-163a.
LIMA, dept., Peru [**24**-162 B6]; **14**-124d; **17**-629d.
—, Ill. [**24**-128 A3].
Lima, Mont. [**24**-144 B3].
—, N.Y. [**24**-102 C3].
LIMA, O. **14**-126c.
—, Okla. [**24**-143 G3].
LIMA, Peru [**24**-162 B6]; **14**-125a; Pl. I. fig. 2 **21**-SOUTH AMERICA; il. **17**-625; Callao **4**-612c; educ. **17**-628d fol.; news. **16**-358d; S. Martín **17**-952a; **17**-629a.
—, Swed. [**24**-45 E1].
Li-ma, isl., China [**24**-70 B5].
Lima (coinage) **16**-629b.
— (zool.): *see* Fan-shell.
— bean **3**-256a.
— Center, Wis. [**24**-133 E7].
Limacidae **20**-800b
Limacina helicina **10**-66c.
Limacodidae: *see* Eucleidae.
Limacomorpha **15**-502c.
LIMACON: *see* Curves, Special.
— of Pascal **6**-889a fol.
Limagne, dist., Fr. **18**-787a.
Limalade **13**-908a.
Liman, mt., Du.E.I. **14**-613b.
— (geog.) **16**-703b.
Limanda (zool.): *see* Dab.
—ferruginea: *see* Sand dab.
Limanowa, Pol. [**24**-40 E4].
Lima Ringmo Chaka, lakes, Tib. [**24**-65 E2].
LIMAN VON SANDERS, OTTO 14-126d.
LIMASSOL (LIMASOL), Cyprus [**24**-58 E5]; **14**-126d; Pl. fig. 1 **6**-CYPRUS; burning (1425) **8**-86a; **22**-872d.
Li-ma-teu: *see* Ricci, Matteo
Limavady, Ire. [**24**-20 E1].
Lima wood **4**-61b.
Limax **10**-64d; **20**-800b.
— lanceolatus: *see* Amphioxus.
— maximus **20**-412d.
Limay, Fr. [**24**-24 G3].
—, riv., Arg. [**24**-165 C4]; **16**-256c.
LIMB 14-126d; geol. fig. 1 **9**-422; sun **21**-560d; anat. **20**-737a; **14**-750b; embryol. **15**-989d; mutilation **16**-34c; reptiles **19**-191a.
— (bot.): *see* Lamina.
LIMBA (tribe) **14**-127a.
LIMBACH, Ger. [**24**-39 H3]; **14**-127a.
Limbang, riv., Bor. **3**-906b.
Limbara, mt., Sard. [**24**-35 B4]; **19**-993b.
Limbāzi, Latvia [**24**-47 C2].
Limber (vehicle) **16**-866b.
Limberneck **3**-956d fol.
Limber pine **17**-938d.
Limbic lobe (anat.) **4**-13a.
Limb light **14**-959c.
Limbo: *see* Limbus.
—, cove, Cape Breton I., Can. [**24**-88 J2].
LIMBORCH, PHILIPP VAN 14-127a.
Limbourg, Pol de **12**-98c.
Limbrick **6**-551d.
Limbu (tribe) **16**-222a.
Limburg, Henry, count of **3**-997b.
LIMBURG, state, Fr. **14**-127a.
LIMBURG, prov., Belg. [**24**-29 D3]; **14**-127c; **3**-352a.
LIMBURG, prov., Holl. [**24**-29 D3]; **14**-127d; **11**-646b; **11**-649b; rel. **11**-650c.
Limburg, duchy, Holl. map **16**-249d; **10**-91b.
— (Limbourg), Belg. [**24**-29 D4].
LIMBURG, Ger. [**24**-38 D3]; **14**-127c; abbey **7**-764d; Fr. capture (1675) **7**-779d.
— **CHRONICLE (FESTI Limpurgenses) 14**-127d.
Limburger (cheese) **5**-334a.
LIMBURGITE 14-128a.
LIMBUS (theol.) **14**-128a.
— Infantum (Puerorum) **14**-128a.
— laminae spiralis fig. 5 **7**-825.
— Patrum **14**-128b.
Lim-chow, China [**24**-70 A5].
Lime, Colo. [**24**-147 F3].
—, Oreg. [**24**-151 H3].
LIME (chem.) **14**-128b; **4**-547c; **7**-440d; bird traps **22**-433a; bottle mfr. **3**-953d fol.; bricks **4**-115b; dyes **7**-789c; kiln fig. 1 **1**-637; leather **13**-846c; mortar **15**-828c fol.; plaster **18**-39d fol.; salt **19**-898d; soap **16**-748d; soil **14**-132d; steel **12**-657d; *see also* Limestone; Liming.
— (dye): *see* French purple.
— (fibre) **9**-214b.
— (fruit) **13**-907d.

LIME (LINDEN) (tree) **14**-128c; fig. 1 **9**-409; fig. 19 **13**-826; **3**-191b.
—, lias **15**-829d.
—, milk of **23**-406d.
— Camp, W. Aus., Austr. [**24**-168 D4].
— **CEMENT**: *see* Cement.
— City, O. [**24**-124 B2].
Lime-cream **21**-525a.
Limedale, Ind. [**24**-127 B3].
Limedsforsen, Swed. [**24**-45 E1].
Limehouse, dist., Lond. **21**-388a.
Limeira, Braz. [**24**-164 A5]; **19**-985b.
Lime-juice **1**-225b.
Lime Kiln, Md. [**24**-108 B1].
— Lake, N.Y. [**24**-102 B3].
Limelight **16**-1003a.
"Limelight" (dog) Pl. IV. fig. 4 **7**-DOG.
Limen, riv., Eng.: *see* Rother.
— (psych.) **18**-721a; **21**-491b; *see also* Differential threshold.
Lime nitrogen: *see* Nitrolin.
Limeport, Pa. [**24**-107 F3].
LIMERICK, co., Ire. [**24**-21 C4]; **14**-129a; **12**-596b.
LIMERICK, Ire. [**24**-21 C4]; **14**-129c; **12**-601d fol.; battle (1691) **8**-523d; siege (1647) **16**-792c.
—, Me. [**24**-96 B5].
—, N.Y. [**24**-103 D1].
—, O. [**24**-125 C4].
—, Pa. [**24**-107 F3].
— lace **13**-568c.
LIMERICKS **14**-129d fol.
Limeridge, Wis. [**24**-133 C6].
Limerle, Belg. [**24**-29 D4].
Limerno Pitocco de Mantova: *see* Folengo, Teofilo.
Lime Rock, Conn. [**24**-101 B1].
— saltpetre: *see* Wall-saltpetre.
Limes Brittanicus **14**-130c.
— **GERMANICUS** **14**-130c.
Lime-soda glass **8**-290d.
— Spring, Ia. [**24**-138 E1].
Limestone, co., Ala. [**24**-118 B1].
—, Ark. [**24**-120 B2].
—, Ky. [**24**-116 G2].
—, Mich. [**24**-130 E3].
—, Mont. [**24**-144 D3].
—, N.Y. [**24**-102 B3].
—, O. [**24**-124 B2].
—, Pa. [**24**-106 B2].
—, Tenn. [**24**-117 J1].
—, Tex. [**24**-123 F4].
—, mt., Nev. [**24**-153 E3].
LIMESTONE **14**-131d; **5**-106a; **15**-325d; **18**-100a; **16**-876b; **21**-436c; Balkan Penin. **2**-980a; chalk **5**-196b; Bessemer process **3**-475d; **12**-649b; geol. **10**-161b; **4**-645c; **7**-290; **4**-841c fol.; **16**-877b; sodium carbonate **1**-637c; U.S. **3**-299c; **12**-207a; *see also* Lime; Marble.
— College(S.C.) **9**-966b.
— Cove, Tenn. [**24**-117 J1].
— Mill, Me. [**24**-96 E2].
Lime-sulphur **9**-884b.
Limetown, Va. [**24**-110 F2].
Limeville Station, Ky.: *see* Tongs, Ky.
Lime-water **14**-128c.
Limfjorden, Den. [**24**-46 A2].
—, cape, Den. [**24**-46 A2].
—, chan., Den. [**24**-46 C2].
Limia, riv., Port. [**24**-32 B2]. **16**-889d.
LIMICOLAE **14**-132d; **18**-83a; worms **1**-994c fol.; *see also* Charadriiformes; Curlew.
Limicolaria **10**-64d fol.
Limina Apostolorum, ad **23**-6d.
Liminare **14**-115a.
LIMING **14**-132d; **9**-198 c.
Limington, Me. [**24**-96 B5].
LIMIT **14**-133b; **4**-555d; **9**-916c fol.; **1**-866d; **6**-338a.
Limitanei **19**-396d; **19**-443a.
Limitation, conversion by: *see* Conversion by limitation.
LIMITATION, STATUTES of **14**-134a; **17**-656a fol.; criminal **6**-716a; guarantee **10**-935a; land **13**-686a.
— of armaments: *see* Disarmament, Washington Treaty.
Limited **6**-142a fol.; Can. **6**-151a.
— edition **3**-874d.
— liability **6**-465b; Acts (1858) **12**-293c; (1862) **6**-153c.
— Partnership Act (1907, Eng.) **17**-347b.
— Service Act (1847, Eng.) **10**-679d.
Limited universe: *see* Universe of discourse.
— vote **19**-166d.
Limit gauge **22**-293b; **2**-557b.
— hydrocarbon **5**-365c.
— of proportionality **15**-62a.
Limiting stress (met.) **9**-114a; **1**-258b.
LIMMAT, riv., Switz.: *see* Linth.
Limnadia lenticularis (zool.) fig. 4 **4**-28.
Limnae, lake, Asia M.: *see* Egirdir Geul.
Limnaea (zool.) **20**-849b.
— truncatula **22**-451d.
Limnaeidae **10**-66a.
Limnaia, Artemis (myth.): *see* Artemis.
Limnathemum **10**-121c.
Limnatis nilotica **13**-866a.
Limnea (zool.) **10**-65d; **10**-64c.
— hooker **10**-66c.
— natalensis undussomae **10**-66d.
— peregra: *see* Pond snail.
Limnetis sibylla: *see* White admiral butterfly.
Limnobium Spongia (bot.): *see* American frog-bit.
Limnocnida (zool.) **12**-1d.
Limnocodium ryderi **12**-1d.
Limnocyons (zool.) **6**-667d.
Limnodorum tuberosum: *see* Grass-pink.
Limnogale **12**-404c.
— mergulus **12**-404c.
Limnoscelidae **19**-185d.
Limnotragus: *see* Kudu.
— spekei: *see* Situtunga.
Limoeiro, Bahia, Braz. [**24**-164 A3].
—, Pernambuco, Braz. [**24**-164 C2]; **17**-538d.
LIMOGES, Fr. [**24**-26 E2]; **14**-134d; **11**-258c; battle (1370) **8**-16c; cath. **14**-135a; Chilperic I. **5**-502a council (994) **22**-506c; enamel **8**-417c fol.; Pl. I. figs. 1, 2, 3, 4 **8**-ENAMEL; pottery **18**-354d; **5**-550d fol.; repoussé bronze **19**-162a.
Limogne, Fr. [**24**-26 E3].
Limon, Colo. [**24**-147 G2].
—, Colom. [**24**-162 B3].
Limón, prov., C.R. **14**-135b.
— **(PORT LIMON)**, C.R. [**24**-158 H5]; **14**-135b; **6**-497d.
—, bay, Pan. **17**-173a.
— de plateau **8**-834c.
Limone, It. **10**-21b.
Limonene **21**-951c fol.
Limonest, Fr. [**24**-27 H2].
LIMONITE **14**-135b; gold **10**-482a; **12**-650b.
Limonum, Rom. Emp. map **19**-500 (C2); *see also* Poitiers.
Limosa (bird): *see* Godwit.
— fedoa: *see* Marbled godwit.
— hudsonica: *see* Hudsonian godwit.
— lapponica: *see* Bar-tailed godwit.
Limours, Fr. [**24**-24 H3].
LIMOUSIN (LIMOSIN), **Léonard** **14**-135c; **8**-417d.
LIMOUSIN, prov., Fr. [**24**-26 E2]; **14**-135d.
—, mts., Fr. [**24**-26 E2].
— (lang.) **18**-637b.
LIMOUSINE **14**-136a; Pl. III. figs. 7, 9 **15**-MOTOR CAR; Pl. IV. fig. 5 **15**.
Limoux, Fr. [**24**-26 F4].
Limpet **10**-58c; **10**-66b; radula fig. 6 **15**-676c; sense organs **10**-63c; **20**-821b.
Limping iambus **10**-834c.
— standard **3**-580d; **15**-691d.
LIMPKIN **14**-136a.
Limpley Stoke, Wilts., Eng. [**24**-17 D3].
LIMPOPO, riv., Port.E.Af. [**24**-81 E2]; **14**-136a; **22**-420a; **18**-286c.
Limpsfield, Sur., Eng. [**24**-15 D4].
Limpus (adm.) **22**-613a.
Limu, Aby. map **1**-71.
Limulava (zool.) **2**-204a.
Limulus: *see* King crab.
— polyphemus: *see* King-crab.
Limuru, Kenya Colony, E.Af. **13**-341a.
Limyrus, riv., Asia M. **14**-512c.
Lin, China [**24**-70 B2].
lin. (abbrev.) **1**-25b.
LINACEAE **14**-136c; **14**-168c.
LINACRE, THOMAS **14**-136c.
Linamarin **10**-445a.
Linamentum saponis: *see* Opodeldoc.
Lin-an, China [**24**-68 G7].
Linant, Adolphe **16**-456a.
Liñan y Verdugo, Antonio (au.) **17**-906c.
Linao, bay, P.I. [**24**-73 B4].
—, lake, P.I. [**24**-73 C4].
Linapakan, isl., P.I. [**24**-73 A3].
Linard, mt., Switz. [**24**-31 J3]; **10**-901a.
Linares, Arsenio **21**-141c.
—, José María **3**-818d.
LINARES, prov., Chil. [**24**-165 B4]; **14**-137a.
—, Chil. [**24**-165 B4].
—, Mex. [**24**-1 E3].
LINARES, Sp. [**24**-32 E3]; **14**-137b.
Linaria (bot.): *see* Toad-flax.
— Cymbalaria: *see* Ivy-leaved toad-flax.
— striata fig. 2 **9**-409.
Linas, mt., Sard. [**24**-35 B5].
— Headland, cape, Wales [**24**-10 B3].
Linas-Montlhèry (race-track, Fr.) **15**-910d fol.
Linbridge, Eng. [**24**-12 B2].
Lincei, Accademia d' **12**-766a.
Lincelles, Fr. battles (1793) **9**-808d; (1794) **9**-811a.
Linchburg, O. [**24**-125 B4].
Lin-chow, China [**24**-70 B5].
Lin-chung **5**-574b.
Linchwe (chief) **3**-288d.
Linckia (zool.) **7**-902c.
Lincklaen, N.Y. [**24**-103 E3].
Lincolle, Rom. Brit.: *see* Lincoln.
LINCOLN, ABRAHAM **14**-137c; **19**-202a; **14**-142c; Pl. VIII. fig. 16 **22**-UNITED STATES; il. **12**-92; Civil War **1**-753d; **20**-783b; Douglas **7**-555a; Grant **10**-639d; Nast's cartoons **4**-871c; rel. **14**-140a; statues **19**-830d; **3**-120b; **3**-901a.
Lincoln (Markham) **14**-021a.
Lincoln, Abraham (Leland) **13**-899d.
Lincoln, Abraham (Sandburg) **3**-598a; **19**-935d.
Lincoln, Benjamin **1**-799d; **1**-800a.
—, **EARLS OF** **14**-137b.
—, Edward F. Clinton, earl of **14**-137c; **16**-281a.
—, Gilbert de Gand, earl of **14**-137b; **14**-147a.
—, Henry Brandon, earl of **14**-137c.
—, Henry de Lacy, 3rd earl of **14**-137b; **12**-375a.
—, John de Lacy, earl of **14**-137b.
—, John de la Pole, earl of **14**-137c; **18**-156d; Richard III. **8**-507b.
—, Mary Todd **14**-139b.
—, Ralph (Ranulf or Randulph) de Blundevill, earl of: *see* Chester, R. de Blundevill.
—, Thomas **14**-137d fol.
—, William de Roumare, earl of **14**-137b.
—, co., Ark. [**24**-120 D4].
—, co., N.S.W., Austr. [**24**-171 J4].
—, co., Colo. [**24**-147 G3].
—, co., Eng.: *see* Lincolnshire.
—, co., Ga. [**24**-114 D3].
—, co , Ida. [**24**-145 D7].
—, co., Kan. [**24**-142 D2].
—, co., Ky. [**24**-116 F3].
—, co., Me. [**24**-96 C4].
—, co., Minn. [**24**-135 B7].
—, co., Miss. [**24**-119 B4].
—, co., Mo. [**24**-141 G2].
—, co., Mont. [**24**-144 A1].
—, co., N.C. [**24**-112 D2].
—, co., Neb. [**24**-139 D4].
—, co., Nev. [**24**-153 E5].
—, co., N.Mex. [**24**-148 D5]; (1877) **16**-320d.
—, co., Okla. [**24**-143 G3].
—, co., Out., Can. [**24**-90 C3].
—, co., Oreg. [**24**-151 A3].
—, co., S.Dak. [**24**-137 H3].
—, co., Tas. [**24**-171 G8].
—, co., Tenn. [**24**-117 E2].
—, co., Wash. [**24**-150 G3]
—, co., Wis. [**24**-132 D4].
—, co., W.Va. [**24**-111 A3].
—, co., Wyo. [**24**-146 B3].
—, Ark. [**24**-120 A2].
—, Calif. [**24**-154 C3].
—, Del. [**24**-109 D2].
LINCOLN, Lincs., Eng. [**24**-14 C2]; **14**-143d; **17**-988c; bps. **20**-792a; Dan. occupation **7**-25d; horse races **11**-765a; siege (1217) **14**-633d; **14**-147a; wheat **23**-562d.
—: *Cathedral:* **14**-144c; il. **10**-542; choir & nave **10**-545b fol.; **1**-16a; Pl. IV. fig. 4 **10**-GOTHIC ARCHITECTURE; Pl. II. fig. 1 **23**-VAULT; Pl. I fig. 1 **22**-TRACERY; glass **21**-292d; library **14**-6a; tracery **22**-339a; **23**-19b.
Lincoln, Ia. [**24**-138 E2].
LINCOLN, Ill. [**24**-128 C3]; **14**-145c.
—, Ind. [**24**-126 B2].
—, Kan. [**24**-142 D2].
—, Mass. [**24**-99 C1]
—, Me. [**24**-96 D3].
—, Mich. [**24**-131 H5].
—, Minn. [**24**-135 D5].
—, Mo. [**24**-140 D3].
—, Mont. [**24**-144 B2].
LINCOLN, Neb. [**24**-139 H4]; **14**-145c; cap. **10**-570c; fig 11 **10**-570; Pl. III. fig. 1 **15**-MOSAIC; Pl. II. fig. 1 **10**-GOVERNMENTAL ARCHITECTURE; courts **16**-181d fol.
—, N.H. [**24**-97 C2].
—, N.J [**24**-105 B2].
—, N.Mex. [**24**-148 D5].
—, N.Y. [**24**-102 C2].
—, N.Z [**24**-173 D5]; **16**-393b.
—, O. [**24**-125 C5].
—, Pa. [**24**-107 E3]
—, Tex. [**24**-123 F4].
—, Vt. [**24**-97 B2].
—, Wash. [**24**-150 G3].
—, Wis. [**24**-133 F5].
—, mt., Colo. [**24**-147 D2].
—, mt., Mass. **15**-26c.
—, mt., N.H. **16**-301b.
—, mt., Vt. [**24**-97 B2]; **10**-861d.
—, parish, La. [**24**-121 B1].
—, sea, Arct. [**24**-414].
— (hospital, Durham, N.C.) **7**-764b.
— (sheep) **20**-475b; Pl I. figs. 7 and 8 **20**-SHEEP; **23**-728b; Pl. figs. 1-5 **23**-WOOL.
— and Herndon (law firm) **14**-141a.
— Center, Me. [**24**-96 D3].
— City, Ind. [**24**-127 B4].
— College (Chicago) **5**-451b.
— College (Oxford) **9**-370c.
— Fair (battle, 1217) **14**-144a.
— **HIGHWAY** **14**-146b; map **11**-552.
— Hill, Pa. [**24**-106 A3].
— **JUDGMENT, THE** **14**-146b; **8**-471d.
— Land, dist., Northwest Terr., Can. [**24**-86 N1].
— Memorial(Wash.,D.C.) [**24**-108]; Pl.fig.11 **14**-LINCOLN; Pl. VI. fig. 3 **22**-UNITED STATES; il. **17**-531 **2**-887d; D. C. French **9**-755b.
— millers **15**-501b.
— Motor Co. **9**-494a.
— National Forest **19**-570a.
— Park (Chicago) **5**-450c.
— Park N.J. [**24**-105 B2].
Lincoln, Rutland and Stamford Mercury (Eng. news.): see *Rutland and Stamford Mercury*.
Lincoln's Birthday **11**-640a.
LINCOLNSHIRE, co., Eng. [**24**-10 F3]; **14**-146b; coal **5**-876d; hunting **11**-924d; Rebellion (1536) **14**-437b.
Lincolnshire curly coated pig **17**-920a.
— limestone **13**-105b.
— Red Shorthorn **5**-47c.
— Inn Fields, Holborn, Lond. **11**-638b.
— Inn Fields (theatre, Lond.) **18**-244d; **3**-998d.
Lincoln's Inn (court, Lond.) **14**-352c; **12**-375a; **14**-137c; library **14**-6d.
Lincoln Sta., Me. [**24**-96 D3].
Lincolnton, Ga. [**24**-114 D3].
—, N.C. [**24**-112 D2].
— University, Pa. [**24**-107 F4].
— University (Mo.) **15**-611d.
— Valley, N.Dak. [**24**-136 D2].
Lincolnville, Ind. [**24**-126 C2].
—, Kan. [**24**-142 F3].
—, Me. [**24**-96 D4].
—, S.C. [**24**-113 D3].
Lincoln Wolds, hills, Lincs., Eng. [**24**-174 F4].
LIND, JAMES **14**-148c; **15**-204b.
—, **JENNY** **14**-148c; **16**-387a; **3**-125a.
—, John (dipl.) **15**-393c.
—, Matthew **18**-447c.
—, Wash. [**24**-150 G4].
Linda, Kan. [**24**-142 A2].
LIND-AF-HAGEBY, E. A. L. **14**-149a.
Lindale, Ark. [**24**-120 C4].
—, Westm., Eng. [**24**-13 B3].
—, Ga. [**24**-114 A2].
—, Tex. [**24**-123 G3].
Lindås, Nor. [**24**-44 A1].
LINDAU, PAUL **14**-149b; **10**-228b.
—, Aus. [**24**-50 A3].
—, Anhalt, Ger. [**24**-39 H1].
LINDAU, Wurttemberg, Ger. [**24**-36 D5]; **14**-149b; Pl. VI. fig. 2 **10**-GERMANY.
LINDBERGH, CHARLES A. **14**-149c; **2**-811b; **15**-730c; **22**-847d; flights Pl. III. figs. 8, 16, Pl. IV. fig. 2 **22**-TRANS-O. AND TRANS-CONT. FLIGHTS.
Lindberg light **14**-96c.
Linde, C. (phys.) **14**-182d.
—, Samuel **18**-164a.
—, van der **5**-430c.
—, Ger. [**24**-40 C2].
Lindels, Den. [**24**-46 C4].
Lindelse, Den. [**24**-46 C3].
Lindeman, lake, Can. **23**-924c.
Lindemann, Ferdinand (Ger.) **12**-450b; **21**-970b; **8**-232a.
Lindemann, Fred. A. (Brit. sci.) **2**-641a; solids **11**-342a.
Linden, Van der: *see* Locke, John.
—, Ala. [**24**-118 B3].
—, Ariz. [**24**-149 E4].
—, Ger. [**24**-38 E1].
—, Ia. [**24**-138 C3].
—, Ida. [**24**-145 B3].
—, Ind. [**24**-126 B2].
—, Mich. [**24**-131 H7].
—, Mo. [**24**-140 C2].
—, N.C. [**24**-112 G2].
—, N.J. [**24**-104 A5].
—, N.Y. [**24**-102 B3].
—, Pa. [**24**-107 D2].
—, S.Dak. [**24**-137 H3].
—, Tenn. [**24**-117 D2].
—, Tex. [**24**-123 G3].
—, Wis. [**24**-133 C7].
—, W.Va. [**24**-111 B3].
—, (fibre): *see* Lime.
LINDEN (tree): *see* Lime; Basswood.
Lindenberg, mt., Switz. [**24**-31 E2].
Lindenborg, Den. [**24**-46 C2].
Lindenfels, Ger. [**24**-38 D4].
Lindenhurst, N.Y. [**24**-102 G5].
Lindenow, fjord, Green. map **2**-295 (G5).
LINDENTHAL, GUSTAV **14**-149d.
Lindentree, O. [**24**-124 D3].
Lindenwold, N.J. [**24**-105 B3].
Lindenwood, Ill. [**24**-128 C1].
Linde process (liquid air) **16**-1002b fol.
Lindequist, F. von **10**-231c.
Linder, E. O. **20**-103b.
Linderen, Ger. [**24**-38 B3].
Linderman, Wis. [**24**-133 B5].
Linderode, Ger. [**24**-39 L2].
Linder ozonizer **16**-1007d.
Linders, L. J. **22**-491a.
LINDESAY, ROBERT **14**-149d fol.
Lindesberg, Swed. [**24**-45 F2].
Lindesnes, (The Naze) Nor. [**24**-43 C8].
LINDET, JEAN B. R. **14**-150a; **19**-356b.
Lindfield, Eng. [**24**-15 C4].
Lindford, Minn. [**24**-134 E3].
Lindholm, B. (paint.) **17**-60b; **17**-64D a.
Lindi, Tanganyika Terr. [**24**-83 G4].
Lindi, riv., Bel. Cong. [**24**-82 E2]; **7**-857b.
Lindioi, Sic.: *see* Lindus.
Lindis, riv., Eng.: *see* Witham.
LINDISFARNE: *see* Holy Island.
Lindisfarne Gospels **3**-529d; **3**-857b; Pl. III. fig. 11 **3**-BIBLE; **3**-535b; Pl. II. fig. 2 **19**-ROMANESQUE ART; **12**-96b.
Lindiswaras **14**-146d.
Lindland, Colo. [**24**-147 D1].
Lindlar, Ger. [**24**-38 C2].
LINDLEY, JOHN **14**-150a.
—, **NATHANIEL LINDLEY**, baron (judge) **14**-150b.
—, William (Brit. engin.) **14**-150c.
—, Mo. [**24**-140 D1].
—, N.Y. [**24**-102 C3].
Lindman, Arvid **21**-651a fol.
— Suffrage Reform Bill (1921, Swed.) **21**-652c.
Lindner, A. (au.) **10**-228b.
LINDO, MARK P. **14**-150d.
—, Rhodes I., Asia M. [**24**-55 F4].
Lindocolina, Rom. Brit.: *see* Lincoln, Lincs., Eng.
Lindon, Colo. [**24**-147 G2].
Lindores, Scot. [**24**-12 A1].
— (abbey, Scot.) **16**-279a.
Lindoso, Port. [**24**-32 B2].
Lindreth, N.Mex. [**24**-148 B2].

Lindsay (Eng. fam.): *see* Crawford, Earls of.
LINDSAY (Scot. fam.) **14**-150d.
—, earls of Crawford: *see* Crawford.
—, lord (Scot. astron.) **16**-672a.
—, **SIR COUTTS**, 2nd Bart. (Eng. art.) **14**-150d.
—, David **13**-896c.
—, **NICHOLAS VACHEL** (writ.) **14**-151a; **1**-793a.
—, **NORMAN** (Austr. art.) **14**-151a.
—, S. McC. (Am. educ.) **18**-263d.
—, Calif. [**24**-155 D4].
—, La. [**24**-121 C3].
LINDSAY, Ont., Can. [**24**-90 C2]; **14**-151b.
—, Minn. [**24**-134 C4].
—, Neb. [**24**-139 G3].
—, Okla. [**24**-143 F4].
—, S.Dak. [**24**-137 C2].
—, isl., Atl.O. [**24**-5 C3].
—, mt., Can. [**24**-91 B3].
—, mt., N.S.W.,Aust. **16**-330a.
Lindsborg, Kan. [**24**-142 E3].
LINDSEY, BENJAMIN BARR (judge) **14**-151b; **7**-227a.
—, Theophilus (Eng. cler.) **22**-709d.
—, king., Brit. **4**-165d.
—, dist., Lincs., Eng. [**24**-14 C2]; **14**-146d fol.; area and pop. **8**-463d; Egfrith **8**-25d.
—, Wis. [**24**-133 C5].
—House, Lond. **14**-352d.
LINDSTROM, GUSTAF (Swed. palaeon.) **14**-151c.
—, H. (athlete) **16**-782b.
—, Minn. [**24**-135 F6].
Lindum, Rom. Brit. (Lincoln, Lincs., Eng) map **4**-160d.
— colonia, Lincs., Eng.: *see* Lincoln.
LINDUS, Rhodes **14**-151c; **19**-261b.
Line, Ark. [**24**-120 D4].
—, isls., Pac.O. **17**-15d.
—, riv., Eng. [**24**-10 D1].
— (art) **7**-626b; fig. 5 **17**-615.
— (fishing) **9**-205c; **1**-931d fol.
LINE (math.) **14**-151c; **7**-255b; descriptive geom. fig. 12 **7**-256; infinity of straight **12**-341c; **10**-173b; **4**-561d.
— (measure) **15**-140c.
— (mil.) **21**-739a.
— (naval term): *see* Line abreast.
— (telephone) **21**-898a.
Linea: *see* Alb.
— alba **1**-882b.
— aspera **20**-730a.
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Llanglydwen, Wales [24-16 B3].
LLANGOLLEN, Denbighshire, Wales [24-16 C2]; 14-249d.
—, Vale of, Wales 7-133c.
Llangower, Wales [24-16 C2].
Llangunig, Wales [24-16 C2].
Llangwm, Monm., Eng. [24-17 D3].
Llangynog, Wales [24-16 C2].
LLANIDLOES, Montgomery., Wales [24-16 C2]; 14-249d.
Llanilar, Wales [24-16 B2].
Llanio, Rom. Brit. map 4-160b.
Llanllainau (monastery, Wales) 1-816d.
Llanllyfni, Wales [24-16 B1].
Llanmadog, Wales [24-17 B3].
Llannwchllyn, Wales [24-16 C2].
Llano, co., Tex. [24-123 E4].
—, N.Mex. [24-148 F5].
—, Tex. [24-123 E4].
— (plain), *e.g.* Llano de los Cristianos, Llano Estacada, etc.: *see* Cristianos, Estacada, etc.
— Estacado, dist., N.Am. 22-718d; *see also* Estacado, plain, Tex.
— Grande, Mex. [24-158 C3].
Llanos, Jove: *see* Jovellanos, Gaspar Melchor de.
Llanos (plains) 3-813a.
"Llanos de Mojos" (plains) 3-409d.
Llanover, Monm., Eng. [24-17 D3].
LLANQUIHUE, dist., Chil. [24-165 B5]; 14-250a.
—, lake, Chil. [24-165 B5]; 5-486d.
Llanrhidian, Wales [24-17 B3].
Llanrhystyd, Wales [24-16 B2].
Llanrwst, Wales [24-16 C1].
Llan san Bregit, Wales: *see* Bridstow.
Llansantffraid, Wales [24-16 C1].
Llansantffraidd, Wales [24-16 B2].
Llansawel, Glamorganshire, Wales: *see* Briton-Ferry.
Llansilin, Wales [24-16 C2].
Llanstephan, Wales [24-17 B3].
Llanthony, Monm., Eng. [24-16 C3]; 15-727c.
LLANTRISANT, Glamorgan., Wales [24-17 C3]; 14-250b.
LLANTWIT MAJOR, Wales [24-17 C3]; 14-250b.
Llanwddyn, Wales [24-16 C2].
Llanwonno, parish, S. Wales 19-269a.
Llanwrda, Wales [24-16 C3].
LLANWRTYD WELLS, Breconshire, S. Wales 14-250c.
Llanyblodwel, Salop., Eng. [24-16 C2].
Llanybyther, Wales [24-16 B2].
Llanymawddwy, Wales [24-16 C2].
Llan-ym-ddyffri, Carmarthenshire, Wales: *see* Llandovery.
Llanymtheveryc, Carmarthenshire, Wales: *see* Llandovery.
Llanymynech, Salop., Eng. [24-16 C2].
— hill, Salop. 20-587a.
L.Lat. (abbrev.) 1-25b.
Llatai 23-507d.
Llavrador (expl.): *see* Fernandes, João.
LL.B. (abbrev.) 1-25b.
— D. (abbrev.) 1-25b.
Llechryd, Wales [24-16 B2].
Lledr Valley, Wales Pl. I. fig. 5 8-ENGLAND.
Llena, mts., Sp. in Catalonia 5-19b.
Llerena, Sp. [24-32 C3].
Llewellin (dog) 7-497d.
LLEWELLYN, SIR WILliam (Eng. paint.) 14-250c.
"Llewellyn" (Brit. warship) 23-785c.
LLEWELYN (princes) 14-250d.
— I. (Ab Iorwerth) 14-250c; 23-296a; 9-381a.
— II. (Ab Gruffyd) 8-8c; 23-296b; 14-250d; 7-79c; 8-492a.
— Wales [24-16 C1].
Lleyn, cantrev, Wales 4-892b.
Llledi, riv., Wales 14-249c.
Llija, Asia M. 3-808c.
Llivia, Sp. [24-26 E5].
LL.M. (abbrev.) 1-25b.
Llobregat, riv., Sp. 3-102d; 3-103a; 15-773c.
Lloreno, pt., C.R. [24-158 H6].
Lloyd, Edward (innkeeper) 14-256b.
—, Edward (journ.) 16-335d.
—, **EDWARD** (singer) 14-251a.
—, Lord George 8-99c.
—, **MARIE** 14-251a.
—, Robert 5-684d.
—, Sir William 16-295b.
—, **WILLIAM** 14-251b; 10-337c.
—, bay, Queens., Austr. [24-169 B1].

Lloyd, barrage, Indus Riv., India **23**-491b; **21**-535a.
— balance **14**-669b.
— Brasileiro S.S. Line., Braz. **4**-56a.
Lloyd-Creak **12**-134b.
LLOYD GEORGE, DAVID **14**-251b; S. Baldwin **2**-968a; Bonar Law **13**-779a; Cannes **4**-745c; Chamberlain **5**-202a; Conservatives **6**-287c; Ireland **12**-615a; Liberal party **13**-1001a.
— Greame, Philip: *see* Cunliffe-Lister, Sir Philip.
— Greame, Yarburgh G. **6**-869b.
Lloydminster, Alta., Can. [**24**-91 D3].
LLOYD OF DOLOBRAN, George A. L. 1st baron **14**-256a.
Lloyds, Md. [**24**-109 C2].
—, Va. [**24**-110 H2].
LLOYD'S **14**-256a; **4**-232c.
Lloyds' Act (1871, Eng.) **14**-256d.
—**BANK LIMITED** **14**-257a; **3**-70a.
— bond (law) **3**-842c.
— Coffee House **14**-256b.
Lloyd's List (Eng. period) **16**-335d; **16**-343b.
Lloyd's News (news.) **16**-335d.
LLOYD'S REGISTER OF Shipping **14**-257c; **20**-552d.
— Underwriters Association **14**-902c.
Lloyd's Weekly News (news): see *Sunday News*.
LLOYD TRIESTINO LINE (steamship co.) **14**-257d.
Lluchmajor, Majorca, Bal. Is. **2**-971c.
Llullaillaco, volcano, Chil. [**24**-165 C1].
Llummayor, Bal. Is. [**24**-33 H3].
Llusanés, region Sp. **3**-102d.
Llwyd, Morgan **23**-509a fol.
—, Robert **23**-508d.
Llwydcoed, Wales **1**-35d.
Llwydiarth, Wales [**24**-16 C2].
Llyfry Tri Aderyn (treatise, Llwyd.) **23**-509a.
Llynclys, Salop., Eng. [**24**-16 C2].
Llyn Idwal, lake, Wales **4**-891d.
Llyr (myth.) **4**-27b.
Llyswen, Wales [**24**-16 C2].
Llywelyn ap y Moel **23**-508a.
Llywelyn Goch amheurug Hen **23**-508a.
L. M. (abbreviation) **12**-399a.
L. M. S. R.: *see* London, Midland and Scottish Railway Co.
L. N. E. R.: *see* London and North Eastern Railway Co.
Lnocentre (society) **19**-749c.
L. N. W. R.: *see* London and North Western Ry.
Lô (Laudus), St. **19**-842b.
Lo (tribe): *see* Kweni.
Loa, Utah [**24**-152 C4].
—, mt. Pl. II. fig. 3 **11**-HAWAII.
—, riv., Chil. [**24**-165 B1].
LOACH (zool.) **14**-258a; **1**-940c; fig. 7 **7**-438.
Loachapoka, Ala. [**24**-118 D3].
Load (elec.) **8**-150d; **8**-286b.
— (engin.) **4**-132b fol.
— brake **4**-24d.
— chart **20**-125b.
— current **22**-409a.
— despatcher (elec.) **8**-288b; **8**-171b.
Loaded valve (mech.) **22**-964c.
Loader (agric.) **11**-283a.
Load factor (aero.) **1**-247c.
— factor (elec.) **8**-286b; **8**-167b.
Loading (com.) **16**-787a.
— (elec.) **21**-899a; **21**-890b.
— (of guns) **16**-870a.
— (paper mfr.) **17**-234b.
— (phot.) **17**-820c.
—, rate of (mech.) **15**-60d.
— machine Pl. II. fig. 5 **5**-COAL & COAL MINING.
LOAD LINE (naut.) **14**-258a; **20**-554b.
— loss (elec.) **22**-409a.
— metamorphism **15**-326d.
— ratio control (elec.) **8**-171b.
Loadstone (surveying) **21**-609d.
Load-testing apparatus fig. 1 **9**-554.
Loaf cheese **5**-335b.
— sugar: *see* Cube sugar.
Loag, isl., Mal. Arch.: *see* Low Pulu Midai.
Loaita, bank, Mal. Arch. [**24**-72 D1].
Loa loa (med.) **17**-270c.
Loam, Ky. [**24**-116 F3].
LOAM **14**-258b; **20**-927b; il. **20**-930.
Loami, Ill. [**24**-129 C4].
Loam moulding **9**-559a.
LOAN **14**-258b; banking **3**-34d; commercial **6**-115b; merchant bankers **15**-265a; foreign **19**-574a; natl. debt **16**-137a; *see also* Call Money.
LOANDA, Ang. [**24**-82 B4]; **1**-951a fol.; **14**-239b; *see also* Angola.
Loanda-Ambaca-Malange (ry., Ang.) described **1**-952a.
Loange, riv., Bel. Cong. [**24**-82 D3]; **13**-287a.
LOANGO, dist., W.Af. [**24**-82 B3]; **14**-258b.
Loangwa, riv., N. Rhod. [**24**-83 F5].
Loanhead, Scot. [**24**-19 E6]; **15**-458a.
Loano, It. **9**-815c.
Loan shark **9**-708d.
Loans payable **1**-104d.
— receivable **1**-105a.
Loan-word (lang.) **13**-702b.
Loargi Shinwari, plateau, India **13**-368d.
LOATUKO (Af. people) **14**-258c.
Lob, Ehr' und Weisheit (motet, Wagner) **2**-874c.
LOBACHEVISKI, NIKOLAI I. **14**-258c; **10**-181b.
Lobai, riv., Fr. Equat. Af. [**24**-82 C2].
LOBANOV-ROSTOVSKI, Alexis B., prince **14**-258d.
Lobaria laciniata (zool.) **14**-30d.
— pulmonaria (zool.) **14**-32d.
Lobar pneumonia (dis.) **18**-100b.
Lobato, Gervasio **18**-295d.
Lobato, N.Mex. [**24**-148 C2].
Lobatsi, dist., S.Af. **3**-286c.
Lobau, George M., count de **23**-419b fol.
LOBAU, Ger. [**24**-39 K2]; **14**-259a.
—, isl., Aus. **23**-283a.
LOBBY **14**-259a.
LOBBYING **14**-259b.
Lobdell, Miss. [**24**-119 B2].
LOBE (anat.) **14**-259d; brain **4**-13a; **4**-16c; lungs **19**-225d.
— (arch.) **14**-259d.
Lobeco, S.C. [**24**-113 D4].
Lobed Panel carpets **19**-625a.
Lobeira, João de **1**-723c.
—, Vasco de **1**-723c; **13**-702b.
Löbejün, Ger. [**24**-39 G2].
Löbel, Gotthelf R. **8**-430d.
L'Obel, Matthias de **3**-613a.
LOBELIA (bot.) **14**-259d.
— cardinalis: *see* Cardinal Flower.
— inflata (bot.) **14**-260a.
Lobelieae (bot.) **14**-259d.
Lobeline (chem.) **14**-260a.
Lobellioidae (bot.) **11**-266d.
Lobengula (Af. chief) **21**-57c; **20**-541b; **19**-264b.
LOBENSTEIN, Ger. [**24**-39 G3]; **14**-260a.
Lobert, Oreg. [**24**-151 D5].
Lobetobi, mt., Flores, Du E.I. **9**-394c.
Lobetola, vol., Lomblen isl., Du. E.I. **20**-956c.
Lobgesang (cantata, Mendelssohn) **4**-764c.
Lobi, tribal land, Fr. Equat. Af. [**24**-80 D3].
LOBI (tribe) **14**-260a.
LOBITO, Ang. [**24**-82 B5]; *see also* Angola.
—, bay, Ang. **1**-949c.
Lobivia cinnabarina (bot.) fig. 6 **4**-CACTUS.
Lobkowitz, Johann, prince **2**-778b.
Lob-lie-by-the-Fire (Ewing) **5**-475a.
Loblolly pine (bot.) **19**-560c.
Lobmeyr, Ludwig **10**-403c fol.
— factory (Vienna) Pls. VII. and VIII. **10**-GLASS.
LOB-NOR, lake, C. Asia: *see* Lop-Nor.
Lobo, Costa **18**-296c.
—, **FRANCISCO RODRIGUEZ** **14**-260b; **18**-293d.
—, **JERONIMO** **14**-260c; **1**-320b.
—, Tex. [**24**-122 B4].
Lobola gift **14**-944a.
Lobonäs, Swed. [**24**-43 G6].
Lobos, Arg. [**24**-165 E4].
—, isl., Sonora, Mex. [**24**-158 B2].
Lobos, isl., Vera Cruz, Mex. [**24**-159 E3].
—, isls., Peru [**24**-190 A3].
—, isls., Urug. **9**-952a.
Lobosi (Af. chief): *see* Lewanika.
Lobositz (battle, 1756) **20**-388d.
Lob-sang Gya-tso (k. of Tib.) **22**-183a fol.
Lobscombe Corner, Eng. [**24**-15 B4].
LOBSTER (zool.) **14**-260d; fig. 10 **6**-803; abdomen fig. 1 **6**-799; Pl. fig. 1 **1**-ALBINOS; fisheries **9**-296b; **4**-700d; mouth fig. 8 **6**-802; culture **9**-300a; Pl. figs. 1-9 **19**-216b; *see also* Crayfish.
— Head, cape, Nfd. [**24**-93 B2].
— House, Nfd. [**24**-93 B2].
— Pond, lake, Me. [**24**-96 C3].
Lobster-pot trap **22**-433a.
Lobster-tail burganet (armour) fig. 5 **11**-410.
Lobstick, lake, Nfd. [**24**-93 C1].
Lobular bronchi (anat.) **19**-226a.
Lobule (anat.) **7**-824d; **19**-226a; brain **4**-13a; ear **7**-823c; liver **14**-229c.
Loburg, Ger. [**24**-39 H1].
Lobus linea lateralis (anat.) fig. 13 **4**-18.
— opticus (anat.) fig. 13 **4**-18.
— vagi (anat.) fig. 13 **4**-18.
Local (philately) **17**-715a.
— action (elec.) **3**-214c.
— Authorities (Financial Provisions) Act (1921, Eng.) **18**-216d; **8**-274a.
— Authorities (Emergency Provisions) Act (1923, Eng.) **18**-216d.
— colour (dram.) **15**-859a.
— Education Act (1904, Eng.) **7**-984d.
— education authorities (Eng.) **6**-333d fol.
— **GOVERNMENT** (Eng.) **14**-261a; **14**-263d fol.
— Government, etc., Officers' Superannuation Act (1922, Eng.) **17**-489b fol.
— Government Act (1888, Eng.) **3**-921c; **14**-359c; **18**-739b.
— Government Act (1889, 1929, Scot.) **20**-148c fol.; **10**-397b.
— Government Act (1894, Eng.) **4**-408c; **6**-127d; **18**-649b.
— Government Act (1894, Scot.) **17**-306d.
— Government Act (1898, Ire.) **12**-613d.
— Government Act (1908, Scot.) **9**-279a.
— Government Act (1929, Eng.) **14**-261c fol.
— Government Board (Eng.) **18**-738d; *see also* Ministry of Health.
Localization (psych.) **23**-212b.
LOCAL OPTION **14**-265d.
— signs theory (psych.) **18**-712c.
— strikes **21**-470a.
— **TAXATION**: *see* Taxation, Local.
— Taxation Act (Customs and Excise) (1890, Eng.) **7**-983b.
— veto: *see* Local option.
Locan, Ind. [**24**-127 A3].
LOCARNO, Switz. [**24**-31 F4]; **14**-266c.
—, **PACT OF** (1925) **14**-266c; **17**-414c; arbitration **2**-225c; E. Beneš **3**-403b; Brit. dominions **4**-182c; Canada **4**-713d; A. Chamberlain **5**-202b; France **9**-659a; Germany **10**-308a; Poland **18**-152c; Rhineland **19**-252b; security **20**-265d; Stresemann **21**-467b.
Locatelli, Joseph **21**-103d.
Locatio conductio (Rom. law) **19**-453b; **11**-588a.
Locatio operis faciendi (law) **2**-939c.
Locatio rei (law) **2**-939c.
loc. cit. (abbrev.) **1**-25b.
LOCH, HENRY B. L., 1st baron **14**-267b.
—, C. S. **5**-252a.
Loch (lake) **20**-140d; (in names of lakes in Scot.), *e.g.* Loch Arkaig, Loch Lomond, &c.: *see* Arkaig, Lomond, &c.; *see also* Lake.
LOCHABER, dist., Inverness-shire, Scot. **14**-267d.
— axe **11**-86b.
Lochandorbh, lake, Scot. [**24**-18 E4]; **15**-792b.
Lochay, glen, Scot. **17**-624b.
—, riv., Perthshire, Scot. **4**-66a.
Lochboisdale, Inverness-shire, Scot. **22**-667c.
Loch Cé, Annals of (Ir. history) **12**-642d.
Lochcrew, hills, Ire. **12**-617c.
Loché, Fr. [**24**-24 G4].
Lochearn Head, cape, Scot. [**24**-18 D5]; **7**-829d.
Locheel, Scot. [**24**-18 E5].
Lochem, Holl. [**24**-28 E2]; **11**-646b.
Lo-cheng, China [**24**-70 A5].
Locheven, Va. [**24**-110 F4].
LOCHES, Fr. [**24**-24 F4]; **14**-267d.
LOCHGELLY, Scot. [**24**-19 E5]; **14**-267d.
LOCHGILPHEAD, Scot. [**24**-19 C5]; **14**-268a.
Lochias, promontory, anc. Egy.: *see* Pharillon.
Lochiel. Sir Donald C. of **4**-662b.
—, Sir Ewen C. of: *see* Cameron of Lochiel.
—, Wis. [**24**-132 B4].
"Lochiel" (race-horse) **11**-769d.
Lochinch (residence, Scot.) **21**-451a.
Lockindorb, Lake, Scot.: *see* Lochandorbh.
— (castle, Scot.) **15**-792b.
Loch Inver, Scot. [**24**-18 C3].
Lochleven (castle, Scot.) **14**-1005a.
Loch Leven trout: *see* Brown trout.
Lochliberg, mt., Switz. [**24**-31 G3].
Loch Lomond, park, Glasgow, Scot. **10**-396c.
Lochloosa, lake, Fla. [**24**-115 F2].
LOCHMABEN, Scot. [**24**-19 E6]; **14**-268a.
Loch Muller, N.Y. [**24**-103 G2].
Lochnagar, Scot. [**24**-18 E5].
—, mt., Scot. **1**-39a.
LOCHNER, STEPHAN **14**-268b.
Lochowitz, Czech. [**24**-39 J4].
Lochsa, riv., Ida. [**24**-145 C3].
Lo-chwan, China [**24**-70 A2].
Lochwinnoch, Scot. [**24**-19 D6].
Lochy, glen, Scot. [**24**-18 D5]; **2**-339a.
—, lake, Scot. [**24**-18 D5]; **12**-548c.
—, riv., Scot. [**24**-18 D5]; **12**-548c.
Loci communes (Hamilton) **13**-614a.
Loci communes theologiae (Melanchthon) **13**-704c.
Locis theologicis, De (theol., M. Cano) **4**-752b.
LOCK, MATTHIAS **14**-268c.
LOCK (engin.) **14**-271a; canal locks figs. 3 & 4 **4**-722, 726; construction **7**-478b; **7**-472c fol.; concrete Pl. fig. 9 **6**-CONCRETE.
LOCK (mech.) **14**-268d; 17th cent. brass, Eng. Pl. VIII. fig. 1 **4**-BRONZE; Pl. VIII. fig. 6 **12**-IRON IN ART; 17th Cent. Fr. fig. 2 **14**-269.
"Lock, The" (Constable) **6**-293c.
Lock and key (house, Lond.) **3**-101c.
Lockart, Ala. [**24**-118 C4].
Lockbourne, O. [**24**-125 C4].
LOCKE, JOHN **14**-271a; **2**-563b; ethics **8**-773a; hist. of philos. **17**-753b; logic **14**-324c; matter **18**-811a fol.; philos. **14**-273a; social sense **6**-163b; style **8**-586d; Theism **22**-51a; theory of knowledge **13**-458b; truth **22**-523c.
—, Joseph **4**-41d.
—, **MATTHEW** **14**-274d.
—, R. A. **16**-782b; **19**-665c.
—, **WILLIAM J.** **14**-275a.
—, Ark. [**24**-120 A2].
—, N.Y. [**24**-103 D3].
—, Wash. [**24**-150 H2].
— grain binder **1**-376c.
— Mills, Mc. [**24**-96 B4].
Lock Eighteen, dam, Ala. **8**-150a.
Lockeport, N.S., Can. [**24**-88 D5].
Locker, Frederick: *see* Locker-Lampson, Frederick.
LOCKERBIE, Scot. [**24**-19 E6]; **14**-275a.
— Lick (slang) **14**-275a.
Lockerby, Utah [**24**-152 E5].
LOCKER-LAMPSON, FREDerick **14**-275a; **3**-862c.
Lockers, bay, Nfd. [**24**-93 D2].
Lockesburg, Ark. [**24**-120 A4].
Locket, Ga. [**24**-114 B5].
Lock gates, Cardiff, Wales fig. 23 **7**-479.
Lockhart, Bruce **19**-735b.
—, **GEORGE** **14**-275b.
—, James (of Lee): *see* Lee.
—, **JOHN G.** **14**-275b.
—, **SIR WILLIAM** (of Lee) **14**-275d.
—, **SIR WILLIAM S. A.** **14**-276a.
—, Minn. [**24**-134 B4].
—, Miss. [**24**-119 D3].
—, N.S.W., Austr. [**24**-171 H5].
—, O. [**24**-124 C3].
—, Oreg. [**24**-151 H3].
—, S.C. [**24**-113 C2].
—, Tex. [**24**-123 F5].
Lock Haven, Ill. [**24**-129 B5].
— **HAVEN,** Pa. [**24**-107 D2], **14**-276a.
Lockheed brake (mech.) **4**-23d; automobile brakes fig. 5 **4**-23.
Lockier, mts., W.Aus. [**24**-168 B3].
Locking action (mech.) **20**-810c.
— lug (rifle) **20**-807a.
Lockingnon, O. [**24**-124 A3].
Lockit, Oreg. [**24**-151 E2].
LOCKJAW: *see* Tetanus.
LOCKLAND, O. **14**-276b.
Lockman, Ia. [**24**-138 E3].
Lockmere, N.H. [**24**-97 C3].
Locknecker, Ind. [**24**-127 D3].
Lockney, N.Mex. [**24**-148 F3].
—, Tex. [**24**-122 D2].
LOCK-NUT (mech.) **14**-276b.
LOCKOUT: *see* Strikes and Lockouts.
LOCKPORT, Ill. [**24**-128 D2]; **14**-276c.
—, La. [**24**-121 D4].
LOCKPORT, N.Y. [**24**-102 B2]; **14**-276c.
—, Pa. [**24**-106 B3].
Lockridge, Okla. [**24**-143 F3].
LOCKROY, EDOUARD **14**-276d.
Lock's Bottom, Eng. [**24**-15 D4].
Lock Seven, W.Va. [**24**-111 B3].
Locksley, Ont., Can. [**24**-90 D2].
Locksley Hall (Tennyson) **21**-939c.
Lock Spring, Ind. [**24**-127 C3].
Lockspring, Mo. [**24**-140 D2].
Lock stitch **20**-407d.
Lock-stitch machine manufacturing, boots and shoes Pl. II. fig. 2 **3**-BOOT AND SHOE MACHINERY.
Locktown, N.J. [**24**-105 B2].
Lock Twelve, dam, Ala. **8**-150a.
Lockville, O. [**24**-125 C4].
Lockwood, J. B. **2**-298d; Arctic explorations (1882) map **2**-295 (G1).
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— (of Glencoe) 4-65d.
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—, mt., B. C., Can. 6-265c.
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— Bill (1927, U.S.) **9**-137d.
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Macfarlanes (clan) **7**-728c.
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M'Fingal (Trumbull) **22**-508c.
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MacGOWAN, KENNETH 14-574a.
McGown, John P. **16**-314c.
M'Grath (Ir. fam.) **7**-741d.
McGrath, M. J. **16**-781d; **23**-486c.
—, Alsk. [**24**-156 J5].
—, Minn. [**24**-135 E5].
McGraw, N.Y. [**24**-103 D3].
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McGrawsville, Ind. [**24**-126 B2].
Macgregor (clan) **7**-728d; **21**-823c.
—, Sir William (physic.) **13**-593a.
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Macgregor, James **12**-641d.
MacGREGOR, JOHN 14-574b; **4**-752c.
McGregor, Ia. [**24**-138 F1].
—, Mich. [**24**-131 J3].
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—, mts., Queens., Austr. [**24**-169 B4].
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—, Z. **5**-435a.
—, India [**24**-65 B3].
Mácha, Karel Hynek **6**-964d.
Machado, Antonio **21**-161c.
—, Barbosa **18**-294c.
—, **BERNADINO 14**-574c; **18**-282c fol.
—, Gerardo **6**-841c.
—, Manuel **21**-161c.
—, Simão **18**-292b.
—, mts., Braz. [**24**-164 C1].
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Machaeras, Leontios **10**-846c.
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—, **JAN SVATOPLUK 14**-574d; **6**-965d.
Machares (of Pontus) **3**-930a.
Machattie, lake, Queens., Austr. [**24**-169 A3].
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—, Mo. [**24**-141 G3].
Machenziza, Port. E.Af. [**24**-81 F2].
McHenry, co., Ill. [**24**-128 D1].
—, co., N.Dak. [**24**-136 D1].
—, Ky. [**24**-116 D3].
—, Md. [**24**-108 A1]; **3**-2c; **16**-157b.
—, Miss. [**24**-119 C5].
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—, N.Dak. [**24**-136 F2].
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—, Elizabeth **6**-617d.
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Machewa, N.Rhod. [**24**-83 F5].
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—, lake, Me. [**24**-96 D2].
—, riv., Me. (Aroostook co.) [**24**-96 D2].
—, riv., Me. (Washington co.) [**24**-96 E4].
—, N.Y. [**24**-102 B3].
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—, **NICCOLO 14**-575b; (dipl.) **7**-406b; **12**-797b; **3**-595b; dram. **7**-591d; writings **12**-743b.
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Machiche, Port. E.Af. [**24**-81 F2].
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Machim, Robert **14**-600c.
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— gun **20**-804d fol.; air fighting **1**-441b; emplacement **9**-543; infantry **12**-336c; invention **16**-859b; sights **20**-638a; tactics **21**-748c; **12**-334a; World War **2**-410d; Brit. army **21**-787d.
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— **PHOTOGRAVURE**: *see* Photogravure.
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Machining (print.) **18**-503c.
Machipongo, Va. [**24**-110 J3].
Machir (bibl.) **14**-772d.
Machland, dist., Aus. [**24**-50 D2].
Machna, riv., India **3**-486d.
Machpelah, cave, Pal. **10**-111a; **11**-374c.
Machrihanish, Scot. [**24**-19 C6]; golf-course **4**-680b.
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—, Ala. [**24**-118 A4].
—, Minn. [**24**-134 C4].
—, N.Mex. [**24**-148 D4].
—, S.Dak. [**24**-137 C1].
—, ft., Tex. **13**-723d.
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—, Md. [**24**-109 C2].
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—, William **5**-493b.
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—, **ALEXANDER** (states.) **14**-587c; **4**-708b.
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—, **SIR ALEXANDER C.** (comp.) **14**-587c.
—, C. F. (Brit. bp.) **14**-239c.
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—, **SIR GEORGE 14**-588a; **10**-320b.
—, Hector **6**-687a.
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—, **SIR MORELL 14**-588d.
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—, **WILLIAM L. 14**-589a; **4**-706c.
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Madeline, Calif. [**24**-154 C2].
—, isl., Wis. [**24**-132 C3].
Mademoiselle, La grande: *see* Montpensier, Anne Marie Louise, duchess of.
Mademoiselle de Maupin (Gautier) **10**-77a.
Mademoiselle Fifi (Maupassant) **15**-102c.
Maden, Mor. [**24**-78 C3].
— Dagh, mt., Bulg. [**24**-53 C5].
Mader, O. (inv.) **15**-71b.
Madera, co., Calif. [**24**-155 D4].
—, Calif. [**24**-155 C4].
—, Pa. [**24**-106 C3].
Madera, mt., Pal. **7**-963c.
Maderno, Carlo (It. arch.) **17**-215c; **23**-3d.
MADERO, FRANCISCO I. **14**-610a.
—, Colo. [**24**-147 C3].
Madersteig, Hans **3**-876a.
Madertie, David Drummond, 3rd lord **14**-6c.
Madfaa (firearm) **16**-856d.
Madge, Wis. [**24**-132 B4].
"Madge" (yacht) **23**-871a.
MADHAVA ACHARYA (states.) **14**-610c; teachings **19**-968d.
Madho Singh (Maha raja) **12**-869c.
Madhubani, India [**24**-66 B1].
Madhupur, jungle, India **3**-405a.
Madhu Rao II. (rajah) **11**-18b.
Madhu Sudan (poet): *see* Dutt, Michael Madhu Sudan.
MADHVAS (sect.) **14**-610c.
Madhya Acharya (philos.) **14**-610c; **12**-253a.
Madhva-desa, dist., anc. India **19**-960d.
Mādhyamika (Buddhism): *see* Sūnyavāda.
MADI (race) **14**-610d.
—, plat., Bor. **3**-906a.
Madia sativa (bot.): *see* Chile tarweed.
Madidi, Bol. [**24**-160 C4].
Madill, Okla. [**24**-143 G4].
Madimba, Bel. Cong. [**24**-82 C4].
Madina, mt., Ternate, Du.E.I. **21**-949d.
Madio, Emanuele de **19**-516d.
Madioen, Du.E.I.: *see* Madiun.
Madiran, Fr. **11**-258a.
Madison, Dorothy P. T. **14**-612c.
—, **JAMES** **14**-610d; portrait Pl. VII. fig. 4 **22**-UNITED STATES.
—, co., Ala. [**24**-118 C1]; **11**-933c.
—, co., Ark. [**24**-120 B1].
—, co., Fla. [**24**-115 E1].
—, co., Ga. [**24**-114 C2].
—, co., Ia. [**24**-138 C3].
—, co., Ida. [**24**-145 G6].
—, co., Ill. [**24**-129 C5]; **8**-21b.
—, co., Ind. [**24**-126 C2].
—, co., Ky. [**24**-116 F3].
—, co., Miss. [**24**-119 B3].
—, co., Mo. [**24**-141 G4].
—, co., Mont. [**24**-144 C3].
—, co., N.C. [**24**-112 C2].
—, co., Neb. [**24**-139 G3].
—, co., N.Y. [**24**-103 E3].
—, co., O. [**24**-125 B4]; **14**-368c.
—, co., Tenn. [**24**-117 C2]; **12**-856a.
—, co., Tex. [**24**-123 F4].
—, co., Va. [**24**-110 F2].
—, parish, La. [**24**-121 C1].
—, Ala. [**24**-118 C1].
—, Conn. [**24**-101 C2].
—, Fla. [**24**-115 E1].
—, Ga. [**24**-114 C3].
MADISON, Ill. [**24**-129 B5]; **14**-612d.
MADISON, Ind. [**24**-127 C4]; **14**-612d.
—, Kan. [**24**-142 F3].
—, Md. [**24**-109 C2].
—, Me. [**24**-96 C4].
—, Minn. [**24**-135 B6].
—, Mo. [**24**-141 E2].
—, Neb. [**24**-139 G3].
—, N.H. [**24**-97 C3].
MADISON, N.J. [**24**-105 B2]; **14**-612d.
—, O. [**24**-124 D2].
—, Pa. [**24**-106 B3].
—, S.C. [**24**-113 A2].
MADISON, S.Dak. [**24**-137 G2]; **14**-613a.
—, Va. [**24**-110 F2].
—, W.Va. [**24**-111 B3].
MADISON, Wis. [**24**-133 D6]; **14**-613a.
—, lake, S.Dak. [**24**-137 G3].
—, mt., N.H. **23**-578c.
—, mts., Mont. [**24**-144 C3].
—, riv., Mont. [**24**-144 C3].
Madisonburg, Pa. [**24**-107 D3].
Madison Lake, Minn. [**24**-135 E7].
— Run, Va. [**24**-110 F2].
MADISONVILLE, Ky. [**24**-116 C3]; **14**-613b.
—, La. [**24**-121 D3].
—, Tenn. [**24**-117 G2].
—, Tex. [**24**-123 G4].
MADIUN, resid., Java **14**-613b.
—, riv., Java **14**-613b.
Madley, Eng. [**24**-16 D2].
—, Pa. [**24**-106 C4].
Mad Mullah (of Somaliland): *see* Mohammed bin Abdullah.
Madoc, Mont. [**24**-144 F1].
Madoera, isl., Du.E.Ind.: *see* Madura.
Madogua kirkii (animal) **13**-413a.
Madona, Latvia [**24**-47 C2].
Madonbaskika, lake, Que., Can. [**24**-80 A2].
Madonella (pseud.): *see* Astell, Mary.
Madonie, mts., Sic. **20**-603a.
"Madonna and Child" (Pisano) Pl. IV. fig. 1 **20**-SCULPTURE.
"Madonna and Child" (sculp., Michelangelo) **15**-413c.
"Madonna del Arpie" (Andrea del Sarto): *see* "Madonna di S. Francesco."
"Madonna del Baldacchino" (paint., Raphael) **18**-982b.
"Madonna del Giardino" (Raphael) **18**-982d.
"Madonna del Granduca" (Raphael) Pl. III. fig. 7 **17**-PAINTING.
"Madonna in Glory" (Duccio di Buoninsegna) **17**-37d.
"Madonna of the Rabbit" (paint., Correggio): *see* "Madonna Reposing."
"Madonna Reposing" (paint., Correggio) **6**-467c.
"Madonna della Sedia" (Raphael) **18**-984b.
"Madonna del Sacco" (Andrea del Sarto) **1**-911d.
"Madonna de' Medici" (statue, Michelangelo) **20**-220c.
"Madonna di S. Francesco" (Andrea del Sarto) **1**-911d.
Madoqua (animal): *see* Dikdik.
Madoquinae (zool.) **2**-22b.
Madora, Ky. [**24**-116 E2].
Madraka, Ras, cape, Arab. [**24**-62 F4].
MADOZ, PASCUAL **14**-613c.
Mad Parliament (1256) **16**-989b.
— priest of Kent (nick.): *see* Ball, John (Eng. priest).
MADRAS, pres., India [**24**-67 C4]; **14**-613c.
MADRAS, India [**24**-67 D4]; **14**-615c.
—, Oreg. [**24**-151 D3].
— Coll. (St. Andrews, Scot.) **19**-822c.
Madrasi worm (silkworm) **20**-669d.
Madras Labour Union (India) **12**-173d.
Madras Law Journal (India) **19**-950b.
Madras muslin (fabric) **6**-552a.
Madras Review (India) S. Nair **19**-950b.
Madrasseh-i-Shah Husain (Isfahan, Pers.) **12**-705b.
Madras University (India) **4**-564b; **14**-615d.
Madrazo, Don Louis De **14**-616b.
—, Don Raimundo De **14**-616b.
— y Agudo **14**-616a.
— **Y KUNT, DON FEDERICO De** **14**-616a.
Madre, isl., It. **3**-922b.
—, mts., Mex. [**24**-158 D4]; **5**-465d; **5**-446b; **10**-940a.
—, mts., P.I. [**24**-73 B2]; **17**-725d.
— Austral, lake, Mex. [**24**-158 E3].
— de Dios, archip., Chil. [**24**-165 A7].
MADRE DE DIOS, dept., Peru [**24**-162 C6]; **14**-616b.
— de Dios, riv., Peru and Braz. [**24**-160 C4].
— del Sur, mt., Mex. **15**-377d.
— Occidental, mts., Mex. **20**-705a.
Madrepore marble (stone) **14**-860b.
Madreporite (zool.) **20**-254b; **7**-899a.
Madresseh (coll.) **17**-554a.
Madresseh-i-Shah (coll.) **17**-554a.
Madrid, Carlos M. J. I., duke of **3**-966c.
—, Ala. [**24**-118 D4].
—, Ia. [**24**-138 D3].
—, Neb. [**24**-139 C4].
—, Me. [**24**-96 B4].
—, N.Y. [**24**-103 E1].
MADRID, prov., Sp. [**24**-32 D2]; **14**-616b.
MADRID, Sp. [**24**-32 D2]; **14**-616c; air lines map **1**-403; Mounting guard il. **14**-616; porcelain **18**-353d.
—, Château de (Paris, Fr.) **7**-171d.
—, treaty (1526) **5**-261d.
—, treaty of (1617) **22**-908a.
—, treaty of (1670) **12**-874b.
—, treaty of (1750) **1**-480c.
—, treaty of (1795) **1**-490c; **16**-324a.
— Clearing House (Sp.) **21**-119b.
— Univ. (Sp.) **14**-617c.
Madridejos, Sp. [**24**-32 E3].
Madrid Junction, Me. [**24**-96 B4].
MADRIGAL (mus.) **14**-617d.
"Madrigali Spirituali" (mus., Palestrina) **17**-144b.
Madrona, mts., Sp. [**24**-32 D3].
Madroña (bot.) **2**-229d.
Madrone, Calif. [**24**-155 C4].
—, N.Mex. [**24**-148 C4].
MADRONO (tree) **14**-618b.
Madsen, Karl **7**-35d.
— machine gun **20**-810a, d.
— -Mygdal **7**-217a.
Madu (Indian caste) **4**-984a.
Madum, Jav. [**24**-72 D5].
MADURA, India [**24**-67 C5]; **14**-619b; Great temple, courtyard il. **14**-619.
MADURA, isl., Du.E.Ind. [**24**-72 D5]; **14**-618d; **12**-974b.
Madurese (people) **12**-976d.
Maduru Oya, riv., India [**24**-67 D5].
Madü See, lake, Ger. [**24**-40 B2].
MADVIG, JOHAN N. **14**-619c.
Mad War (Fr., 1485) **9**-620b.
Mad Weave (basketry) **3**-178d fol.
Madya (rel.) **11**-580a.
Mae, Wash. [**24**-150 F3].
Maeander, riv., Asia M.: *see* Menderes Chai.
— (design) **18**-340d.
Maebashi, Jap. [**24**-75 L5].
MAECENAS, GAIUS (Cilnius) **14**-619d.
MAECIANUS, LUCIUS V. **14**-620b.
Maecles Pond, lake, Nfd. [**24**-93 C2].
Maegth (Anglo-Saxon) **1**-948d.
Mael, Nor. [**24**-43 D7].
Maël-Carhaix, Fr. [**24**-25 B3].
Maeldubh (Ir. monk): *see* Maildulf.
MAELDUIN (MAELDUNE), Voyage of **14**-620b.
Maelduna, Ess., Eng.: *see* Maldon.
Maelgwn Gwynedd: *see* Maglocunus.
MAELIUS, SPURIUS **14**-620c.
Mael Muaid **12**-601d.
Maelmura **12**-642a.
Maelor, dist., Flint, Wales **9**-380b.
— Saesneg, Wales **9**-381a.
Mael-Sechnaill **12**-601d.
Mael-Sechnaill II. (k. of Ire.) **12**-602a.
MAELSTROM (whirlpool, Nor.) **14**-620c.
MAENADS (Gr. myth.) **14**-620c.
Maenia, lex (Rom.) **19**-478d.
Maenoceras terebratum (zool.) **7**-290.
Maentwrog, Wales [**24**-16 C2].
Mā-Enyo (goddess) **6**-89c.
Maeones (people) **14**-515c.
Maera (myth.) **8**-688c; *see also* Procyon.
Maerdy, Wales [**24**-17 C3].
Maeretun (battle, 871) **1**-274d.
MAERLANT, JACOB VAN **14**-620c.
MAES, NICOLAS **14**-620d.
— Gwenllian, Carmarthenshire, Wales **13**-373b.
Maeshowe (barrow, Scot.) **18**-198c.
Maes-teg, Wales [**24**-17 C3].
Maestra, mts., Cu. **19**-979a, **6**-833c.
Maestranza (bldg., Havana, Cu.) **11**-260a.
MAESTRICHT, Holl.: *see* Maastricht.
MAESTRO (wind) **14**-621a.
Maes-y-cwmmer, Eng. [**24**-17 C3].
Maesyfed, dist., Wales (anc.): *see* Radnorshire.
MAETERLINCK, MAURICE **14**-621a.
Maeys, Ill. [**24**-129 B5].
Maeystown, Ill. [**24**-129 B5].
Macyvale, Queens., Austr. [**24**-171 L2].
Mafalda (princess): *see* Hessen.
Mafate, Port. E.Af. [**24**-81 E2].
—, spring, Réunion **19**-235a.
Mafaza, El, A.E.Sud. [**24**-79 C5].
MAFEKING, Cape Prov., S. Afr. [**24**-81 D3]; **14**-621c.
MAFFEI, FRANCESCO S. **14**-621d.
Maffey, Sir John **21**-512d.
Maffra, Vict., Austr. [**24**-171 H6].
Mafia, isl., Tanganyika Terr. [**24**-83 G4].
MAFIA (criminal soc.) **14**-621d.
MAFRA, Port. [**24**-32 B3]; **14**-622b.
Mafulu (tribe) **16**-208d fol.
— (lang.): *see* Fuyuge.
Maga (period.): *see* Blackwood's Magazine.
Magad, plat., Arab.: *see* Jol.
MAGADHA, India **14**-622b; lang. **14**-856d; **3**-557a; **18**-416b fol.
Magadi, lake, Kenya Colony **13**-342c; Pl. VIII. fig. 2 **1**-AFRICA.
Magadino, Switz. [**24**-31 F4].
MAGADIS (mus.) **14**-622b.
Magadishu, It. Somlnd. [**24**-76 H5].
Magadizing (mus.) **11**-203b.
Magaguabush (bot.) **6**-438a.
Magaguadavic, riv., N.B., Can. [**24**-88 B3].
Magalakwin, riv., Trans. [**24**-81 D2].
Magalhães, Domingos J. G. **21**-150a.
Magaliesberg, hills, S.Af. **22**-420a fol.
MAGALLANES, terr., Chil. [**24**-165 B6]; **14**-622c.
—, Chil. **17**-365d; **5**-486c.
Magalo, Aby. map **1**-71.
Magan, anc. kingdom, Asia **2**-846a; **20**-704b.
Māgan, dist., Egy. **8**-45c.
Maganatawan, Ont., Can. [**24**-90 C2].
—, riv., Ont., Can. [**24**-90 C2].
Maganese **17**-876b; **17**-869b.
Magangue, Colom. [**24**-162 C2]; **3**-812d.
Maganik, mt., Yugos. [**24**-52 D3].
Magaria, dist., Carthage: *see* Megara.
Magas (of Cyrene) **13**-732b fol.
—, Pers. [**24**-63 E3].
Magasa, Crete **6**-681c.
Magasis, Mesop. map **23**-781.
Magassi (tribe) **3**-8a.
Magat, riv., P.I. [**24**-73 B2].
Magato, mts., Trans. [**24**-81 E2].
Magazine, Ark. [**24**-120 B2].
—, mts., Ark. [**24**-120 B2]; **2**-366a.
MAGAZINE: *see* Periodicals.
— (mil.) **21**-580d; **23**-324b; **21**-580d.
— (rifle) **17**-967d.
— camera (phot.) **17**-821d.
— insurance: *see* Coupon insurance.
— stoping (mining): *see* Shrinkage stoping.
Magda (play, Sudermann) **21**-515a.
MAGDALA (Makdala), Aby. [**24**-79 D5]; **14**-622c; map **1**-71.
—, Nic. [**24**-159 H5].
—, Pal.: *see* Mejdel.
— group (igneous rocks) **1**-71d.
Magdalaine Cays, isls., Austr. [**24**-169 D2].
Magdalen, isls., Que., Can. [**24**-88 H1].
— Coll. (Oxford, Eng.) **23**-446a; map **16**-988.
Magdalena, dept., Colom. [**24**-162 C2]; **6**-32c.
—, Mex. [**24**-158 B1].
—, N.Mex. [**24**-148 B4].
—, bay, Mex. [**24**-158 C3]; **4**-597d.
—, isl., Chil. [**24**-165 B5].
— mts., N.Mex. **16**-316d.
—, riv., Colom. [**24**-162 C2]; **6**-32d.
—, val., Colom. **6**-32b.
Magdalene: *see* Mary (Mary Magdalene).
—, grotto, It. **18**-323a.
— Coll. (Cambridge, Eng.) **4**-652c.
"Magdalene at the Foot of the Cross" (Botticelli) **3**-952c.
MAGDALENIAN (geol.) **14**-622d.
— culture (archae.) **2**-240a fol.; origin **2**-238a; ivory **12**-837c.
MAGDEBURG, Ger. [**24**-39 G1]; **14**-622d; air lines map **1**-463.
Magdeburg Centuries **11**-596a; **14**-623b.
Magdeburg hemispheres (phys.) **22**-925a.
— rights (law) **6**-629b.
Magdeburgerforth, Ger. [**24**-39 H1].
Magdesprung, Ger. [**24**-39 G2].
Mage, E. **20**-826b.
Mage, Braz. [**24**-164 B5].
Mage, Le (play, Richepin) **19**-293b.
Magee, J. F. jr. **5**-435c.
—, Louis **9**-477d.
—, **WILLIAM** **14**-623b.
—, **WILLIAM C.** **14**-623b.
—, Ind. [**24**-126 B1].
—, Miss. [**24**-119 C4].
—, Pa. [**24**-106 B2].
— Island, penin., N.Ire. [**24**-20 F2].
Magelang, Java **13**-310b.
MAGELLAN, FERDINAND **14**-623c.
—, archip., Pac. O.: *see* Volcano Islands.
Magellan, str., S.Am. [**24**-165 C7; **24**-191 C8]; **14**-624c.
Magellania flavescens Pl. figs. 9 and 20 **3**-BRACHIOPODA; fig. 9 **3**-1000d; fig. 10 **3**-1001a.
MAGELLANIC CLOUDS (astron.) **14**-624d; Pl. fig. 2 **21**-STAR CLUSTER.

Magellan's Land (S.Am.) **14**-624c.
Magelone Lieder (Brahms) **20**-990c fol.
MAGENDIE, FRANCOIS 14-624d.
MAGENTA, It. **14**-625a.
MAGENTA (dye) **14**-625b; **7**-795b; *see also* Fuchsine.
Mageroy, Nor. [**24**-42 M1].
MAGERSFONTEIN, ACTION of: *see* South African War.
Maggia, Switz. [**24**-31 F4].
—, val., Switz. [**24**-31 F4].
Maggie, N.C. [**24**-112 B2].
Maggie: A Girl of the Streets (Crane) **1**-791d; **6**-634a.
Maggillicuddy's Reeks, Kerry, Ire. **13**-353a.
Maggio, mt., It. **12**-755b.
Maggior Consiglio (council, Venice) **23**-62b.
MAGGIORE, LAGO (Lacus Verbanus), It. [**24**-34 B1; **24**-186 D3]; **14**-625b; **21**-676a; **16**-937d.
Magglingen, Switz. [**24**-30 C2]; **3**-549d.
MAGH (race) **14**-625c.
Māgha (Indian poet) **19**-964c.
Māghakāvya (poem, Māgha): see *Śiśupāla-badha.*
Magh Allo, Cork, Ire.: *see* Mallow.
Maghara Wadi, dist., Egy **8**-35b; **8**-70b fol.; map **8**-41.
Maghera, Ire. [**24**-20 E2].
Magherafelt, Ire. [**24**-20 E2].
Maghery beg, Kerry, Ire. **13**-353c.
Maghiana, India [**24**-65 C2].
Maghi-dagh, mt., U.S.S.R. **5**-56b.
Magh-mela (festival) **1**-643d.
Maghrayt d'Sheehaz (bot.) **9**-688d.
Maghrib, dist., N.Af. **8**-82b.
Maghsciath, Ire.: *see* Lismore.
Magh-uire, co., Ire.: *see* Fermanagh.
Maghull, Lancs., Eng. [**24**-13 B4].
Magi (tribe) **15**-171d.
— (lang.) **17**-241c.
— (rel.) **18**-480b; **23**-943b.
"Magi" (Rubens) **16**-740a.
Magi, The (dram., Lunacharsky) **14**-485a.
Magia, De (Apuleius): see *Apologia.*
Magia Naturalis (G. Della Porta) **7**-169d fol.
Magians (caste) **14**-802a; **17**-582a.
Magic, Ida. [**24**-145 D6].
MAGIC 14-625c; **6**-928c; Af. Negro **16**-194b; Agrippa von Nettesheim **1**-429b; baalism **2**-834b; Babyl. **2**-859c; cannibalism **4**-746a; Egypt **8**-60b; India **12**-160d; lycanthropy **14**-510b; primitive **9**-244d; **11**-928d; **19**-106c; **10**-105a; **2**-48a; ritual **19**-324a; social anthropology **20**-867b; spell **21**-201c; survivals of **21**-578a; Virgil legend **23**-182d; *see also* Conjuring; Sympathetic magic.
Magic (play, G. K. Chesterton) **5**-440c.
"Magic" (yacht) **23**-870a; **1**-805b.
Magician **6**-260b.
MAGIC LANTERN: *see* Lantern.
— **SQUARE 14**-627d.
Magie Noire (P. Morand) **9**-756a.
Magilligan, Ire. **14**-372d.
—, pt., Ire. [**24**-20 E1].
Magilus (zool.) **10**-66b.
Magina, mts., Sp. [**24**-32 E4]; **12**-866c.
MAGINN, WILLIAM 14-630a.
Maginnis, Mont. [**24**-144 D2].
Magione (conspiracy) **3**-809c.
Magiovintum, Rom. Brit. (Fenny Stratford, Bucks., Eng.) map **4**-160d.
Magiscatzin, Mex. [**24**-158 E3].
Magister (degree): *see* Master.
— (teacher) **20**-99b.
— cambellanorum (official): *see* Chambellan de France.
— camerarius: *see* Lord great chamberlain.
— equitum **7**-338a.
— populi **7**-338a.
— sententiarum: *see* Peter Lombard.
Magistery of bismuth **3**-671b.
Magistral (rel.): *see* Chancellor.
Magistralia (law) **23**-810a.
Magistral line **9**-528a.
MAGISTRATE 14-630a; **6**-328b; Athens **10**-830d fol.; Rome **19**-489a fol.
Magistroi **19**-442c.
Maglaj, Yugos. [**24**-52 D2].
Magleby, Den. [**24**-46 E4].
Mag Lemna, Battle of (Old Ir. story) **12**-641a.
Maglemose, Den. **20**-46d.
Maglemosean culture **2**-243b.
Magley, Ind. [**24**-126 C2].
MAGLIABECHI, ANTONIO Da M. 14-630b.
— library (Florence) **9**-388b.
Magliani, Agostino **12**-808b.
Maglic, mt., Yugos. [**24**-52 D3].
Maglocunus (Maelgwn Gwynedd) (Welsh ruler) **23**-295a; **8**-115b.
Magloire, St. **5**-230d.
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Magma, Ariz. [**24**-149 D5].
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— (bibl.) **10**-475d.
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Mancton, N.B., Can. [**24**-88 E2].
MANCUNIUM (Lancs., Eng.) **14**-787a; map **4**-160a; *see also* Manchester, Lancs., Eng.
Mancus (coin) **4**-168d.
Mand, riv., India [**24**-67 D2].
—, riv., Pers. [**24**-63 C3].
Manda, C.Af. **16**-655b.
—, E.Af. **14**-241a.
—, isl., Tanganyika Terr. [**24**-83 H3; **24**-83 F5]; **13**-339b.
Manda (tribe): *see* Scythians.
Manda d'Hayye (myth.) **14**-787c.
MANDAEANS (sect) **14**-787a; **3**-82d; dialect **20**-316b; *see also* Sabians.
Mandaic (lang.) **20**-316b.
Mandal, Nor. [**24**-44 B2].
—, pass, India [**24**-65 C1].
Mandala (rel. book) **19**-958b.
Mandalay, dist., Bur. **14**-789a; **4**-426c.
MANDALAY, Bur. [**24**-66 D2]; **14**-788d; **4**-426c; palace arch. **12**-225d.
—, Fla. [**24**-115 E1].
—, canal, Bur. **4**-428d.
Mandale, O. [**24**-124 A2].
Mandali, 'Iraq [**24**-61 B3].
Mandals, riv., Nor. [**24**-44 B2].
Mandamah, Austr. [**24**-171 H5].
Mandamenta (papal) **7**-409c.
MANDAMUS, WRIT OF: *see* Practice and Procedure; Writ.
Mandan, Mich. [**24**-130 D2].
MANDAN, N.Dak. [**24**-136 D3]; **14**-789b.
MANDAN (Tribe) **14**-789a.
Mandande, Ang. [**24**-82 D5].
Mandar, cape, Mal. Arch [**24**-72 E4].
—, gulf, Mal. Arch. [**24**-72 E4].
Mandara, mts., Af. **4**-662c.
Mandari (tribe) **3**-112c.
MANDARIN **14**-789c; robes il. **5**-524.
— (dialect) **5**-567a; **13**-370b.
— duck **7**-706d.
— orange (chem.): *see* Methyl orange.
— orange (fruit): *see* Tangerine orange.
Mandarin's Cap, isl., China [**24**-70 B5].
MANDASOR, India **14**-789c.
Mandatarius (Rom. law) **14**-789d.
MANDATE (law) **14**-789d; **19**-450b.
Mandates system (govt.) **14**-789d; League of Nations **13**-831c fol.; Treaty of Versailles **14**-789a.
Mandator (law) **14**-789d.
Mandatorio (dipl.) **7**-460d.
Mandatory injunction (law) **12**-358c.
Mandats territoriaux **2**-559c.
Mandatum (law) **2**-939c; **19**-453b.
MANDAUE, dist., P.I. **14**-791d.
Mandav, hills, India [**24**-182 C4]; **13**-295b.
MANDAYA (tribe) **14**-792a.
Mande, dist., W.Af.: *see* Mane.
Mandé (race) **9**-831c.
Mande (lang.): *see* Mandingo languages.
— -fu (lang.) **13**-528d; **13**-498b.
MANDELIC ACID **14**-792a.
Mandelonitrile glucoside **10**-444d.
Mandelstam (Sci.) **15**-439b.
—, Osip (au.) **19**-756c.
Mandelylphenetidine (chem.) **17**-698a.
Mandeman, Colo. [**24**-147 G4].
MANDER, CAREL VAN **14**-792b; **7**-772c.
Mandern, Conrad **12**-997b.
Manderscheid, Ger. [**24**-38 B3].
Manderson, S.Dak. [**24**-137 B3].
—, Wyo. [**24**-146 D1].
Mandeure, Fr. **7**-549d.
Mandevilla suaveolens (bot.): *see* Chilian jasmine.
MANDEVILLE, BERNARD de (philos.) **14**-792c; **8**-589c.
—, **GEOFFREY DE**, earl of Essex **14**-792d; **14**-415b.
—, **JEHAN DE** (Sir John) **14**-793a; **16**-708c.
—, William de, earl of Essex: *see* Essex.
Mandeville, La. [**24**-121 D3].
MANDHATA, India **14**-794b.
MANDI, dist., India **14**-794b.
—, dist., W.Af.: *see* Mane.
—, India [**24**-65 D2]; **14**-794b.
Mandia, Fr.Equat.Af. [**24**-82 D2].
Mandible (anat.) **20**-745b fol.; **20**-757d fol.; fig. 2 **2**-152; fig. 15 **10**-62.
Mandibular arch (anat.) **7**-824d; fig. 2 **16**-770.
— cartilage: *see* Meckel's cartilage.
— division **16**-233b.
— process (biol.) **20**-743d.
Manding, dist., Fr.Sud. [**24**-80 C3].
MANDINGA (people) **14**-794c: *see also* Malinké.
Mandingoes, Sen. [**24**-80 B3].
Mandingo languages **1**-333b.
Mandioca (bot.) **17**-249a.
Mandioli, isl., Mal. Arch. **2**-877a.
Mandioré, lake, Bol. **3**-813d.
MANDLA, India [**24**-67 D2]; **14**-794d.
Mandö, isl., Den. [**24**-46 A3].
Mandoc, Ont., Can. [**24**-90 D2].
Mandogarh, India: *see* Mandu.
Mando Khel (tribe) **3**-6b.
MANDOLINE (mus.) **14**-794d; **14**-490d.
Mandonion, It. **2**-268c.
Mandragola (Machiavelli) **14**-577d; **7**-591d.
Mandragora (bot.): *see* Mandrake.
— officinarum (bot.): *see* Mandrake.
MANDRAKE (bot.) **14**-795a.
—, American: *see* May apple.
Mandril (tool) **5**-886a; **23**-674a.
MANDRILL (zool.) **14**-795b; **18**-488b.
Mandsaur, India: *see* Mandasor.
MANDU, India **14**-795b; **7**-300c.
Māṇḍūkya Upaniṣhad **12**-249a.
Mandurah, Austr. [**24**-168 A5].
MANDURIA, It. [**24**-35 F4]; **14**-795b: *see also* Mandonion.
Mandus, Minn. [**24**-134 C3].
Mandvi, India [**24**-65 B4].
Mandyas (garment) **23**-110d.
Mandyrium: *see* Mandonion.
Mane, Fr.W.Af. [**24**-80 D3].
Man-eater (fish): *see* Great white shark.
Maned hairy sheep **20**-474c.
Manège, Club du **12**-859d.
Mané-Lud (mound, Fr.) **4**-890d.
Maner, riv., India [**24**-67 C3].
Manerbe, Fr. **18**-350a.
MANES **14**-795c.
— (teacher): *see* Mani.
Mánes, J. (paint.) **17**-64c.
Manes, Mo. [**24**-140 E4].
Manessier (au.) **17**-501a.
MANET, EDOUARD **14**-795d; **9**-420b; **21**-409c; Pl. fig. 2 **12**-IMPRESSIONISM; Pl. XII. fig. 6 **17**-PAINTING; port. Degas Pl. fig. 5 **17**-PENCIL DRAWING; **17**-59b.
MANETHO (hist.) **14**-796b; **8**-41c; **11**-370c.
Manětin, Czech. [**24**-39 J4].
Manetti, Giannozzo **12**-741d.
— rose **19**-554a.
MANFRED (Sic. k.) **14**-796c; **20**-611d; **3**-404a; **5**-279c.
Manfred, N.Dak. [**24**-136 E2].
Manfredi (It. fam.) **12**-794c; pottery **18**-346d.
—, Astorre (of Faenza) **3**-899c.
MANFREDONIA, It. **14**-796c.
—, gulf, It. [**24**-34 F4].
Manfuha, Arab. [**24**-62 D3]; **2**-180c.
Mäng, (philos.): *see* Mencius.
Manga, Braz. [**24**-164 B2].
Mangabeiras, mts., Braz. [**24**-164 A2].
MANGABEY **14**-796d; **18**-488c.
Mangaia, isl., Pac. O. **6**-365c; **16**-392b.
Mangalavāra **4**-577d.
Mangaldai, dist. India **7**-63a.
—, India [**24**-66 C1].
MANGALDAN, P.I. **14**-796d.
MANGALIA, Rum. [**24**-53 E4]; **14**-796d; **19**-637d.
MANGALORE, India [**24**-67 B4]; **14**-796d.
—, Queens., Austr. [**24**-169 C4].
—, Vict., Austr. [**24**-171 G6].
MĀNGAN, JAMES C. **14**-797a; **12**-637a.
—, J. (athlete) **23**-486c.
Manganates (chem.) **14**-798c; **7**-127a.
Manganese, Minn. **4**-20b.
MANGANESE **14**-797b; **16**-875a fol.; alloys **22**-296d; Pl. II. fig. 8 **1**-ALLOYS; atomic number, chem. atomic weight **2**-650d; **14**-667b; properties **15**-324c.
— bronze (met.) **4**-240b.
— brown (dye) **7**-794b.
— carbide **4**-830b.
— carbonate **22**-89a.
— copper **6**-409d.
— dioxide **14**-797b fol.; **3**-215b fol.
— glance (min.) **14**-798b.
— heptoxide **14**-798a.
— oxide **3**-954a.
— sesquioxide **14**-797d fol.
Manganesespar (min.): *see* Rhodochrosite.
MANGANESE STEEL **14**-799b; **12**-667b.
— trioxide **14**-797d.
— tungstate: *see* Hübnerite.
Manganic fluoride **14**-798b.
Manganifluorides **14**-798b.
Manganin (alloy) **6**-409d; **8**-228d; **10**-230d; **12**-445b.
MANGANITE (min.) **14**-799c.
Manganja, Nyasaland. [**24**-83 F5].
Manganotitanium (alloy) **22**-252a.
Mangaratiba, Braz. [**24**-164 B5].
Mangareva, archip. isl., Pac. O. **17**-15b.
Mangareva (lang.) **18**-189c.
Mangas, N. Mex. [**24**-148 A4].
Mangasha (chief) **12**-811c fol.; **15**-247d.
Mangawai, N.Z. [**24**-172 E2].
Mangaweka, N.Z. [**24**-172 E3].
Mangbarti: *see* Jalaluddin.
Mangbattu, Bel. Cong. [**24**-83 E2].
MANGBETTU (people) **14**-799d; **20**-112d.
Mange (disease) **17**-272a; *see also* Mite.
MANGEL-WURZEL (bot.) **14**-799d; **1**-389b; **10**-727c fol.; **9**-195d.
Mangerton, mt., I.F.S. [**24**-21 B5].
Manggarai, dist., Du. E.I. **9**-394c.
Manghas-tree **2**-109a.
Mangi, dist., China **5**-32c.
Mangia (tower, Siena) **20**-621b.
Mangifera indica: *see* Mango-tree.
Mangilia (zool.) **10**-66c.
Mangin (Fr. col.) **15**-592a.
—, **CHARLES E.** **14**-800c; Marne **14**-933d; Verdun **23**-79b; Champagne **5**-215c fol.
Mangin, mts., Bur. **13**-294d fol.
Mangishlak, penin., U.S.S.R. **13**-303d.
Mangkalihat, cape, Bor. [**24**-72 E3].
Mangkasar, E. Ind.: *see* Macassar.
Mangkassaras (tribe) **4**-346c.
Mangku Negara (legion) **7**-872a.
Mangle press **2**-789d.
Mangles, cape, Ec. [**24**-162 B3].
Mangling (cotton mfr.) **6**-577b.
Mang Lön, state, Bur. **20**-462d.
MANGNALL, RICHMAL **14**-800d.
Mango, Iv. Cst. [**24**-80 D4].
—, isl., Fiji Is. [**24**-176 F3]; **17**-11c.
MANGO (fruit) **14**-800d.
— -berti: *see* Jalaluddin.
— -bird **16**-904b.
Mangola, isl., Du. E.I. **21**-535b.
MANGOLD: *see* Mangel-Wurzel.
Mangone, Benedetto **4**-146c.
Mangonel (siege engine): *see* Trébuchet.
Mangonui, co., N.Z. [**24**-172 D1].
—, N.Z. [**24**-172 D1].
Mangoplah, N.S.W., Austr. [**24**-171 H5].
Mangòro, waterfall, Mad. **14**-601a.
MANGOSTEEN (tree) **14**-801a.
Mangrol, India [**24**-67 B2]; **13**-295b.
MANGROVE (bot.) **14**-801a.
Mängs (Chin. clan) **15**-239b.
Mang-song Mang-tsen (Tib.) **22**-182a.
Mäng-suns (clan): *see* Mängs.
Mäng-tsze (philos.): *see* Mencius.
Mangu (Mongol leader) **5**-534c; **13**-509c; **11**-289a.
Mangualil, riv., C.Am. **11**-711a.
Mangue, canal, Braz. **19**-315a.
— (dialect) **5**-129c.
Mangu Khan (emp.) **15**-717c.
Manguli, isl., Mal. Arch. [**24**-72 G4].
Mangum, N.C. [**24**-112 F2].
—, Okla. [**24**-143 D4]; **16**-754d.
Mangums, S.C. [**24**-113 D2].
Mangupa, Fr. Equat. Af. [**24**-82 D1].
Manguts (people) **22**-920a.
Mangwato, Bech.: *see* Shoshong.
Mangwi, S. Rhod. [**24**-81 D2].
Manhaar jackal **23**-967c.
Manhartsberg, mts., Aus. **2**-774b.
Manhasset, N.Y. [**24**-102 G5].
Manhattan, borough, N.Y. [**24**-104 D4]; **16**-377a; **16**-380a.
—, Ill. [**24**-128 E2].
MANHATTAN, Kan. [**24**-142 F2]; **14**-801c.
—, Mont. [**24**-144 C3].
—, Nev. [**24**-158 C4].
—, Wyo. [**24**-146 H1].
— (bridge N.Y.C.) **4**-129d fol.; Pl. IX. figs. 1-4 **4**-BRIDGES.
MANHATTAN, isl., N.Y. [**24**-102 G5]; **14**-801c; **15**-583b; Pl. 1 fig. 1 **22**-TOWN AND CITY PLANNING; Pl. I. fig. 2 **11**-HARBOURS.
— (Club, N.Y.C.) **16**-387c.
— Beach, N.Y. [**24**-104 D6]; **6**-226a.
— Beach, Oreg. [**24**-151 A2].
— Transfer, N.J. [**24**-104 B4].
— Trust Co. (N.Y.): *see* Bankers Trust Co.
Manhauasisa, riv., Ec. **7**-936d.
Manheim, Pa. [**24**-107 E3]; **13**-644a.
Manhisa, riv., S.Af.: *see* Komati.
Manhole (engin.) **20**-406c; **19**-946b; **21**-889c.
Manhood Suffrage Law (1928, Jap.) **12**-912d.
Manhuassu, Braz. [**24**-164 B5].
—, riv., Braz. [**24**-164 B4].
Mani (teacher) **17**-582d; **2**-931d; **14**-801d.
Mani, dist., Gr.: *see* Maina and Mainotes.
—, dist., W.Af.: *see* Mane.
Mania (god) **8**-789b.
— (insanity) **9**-146b; **1**-541b; **12**-386b.
Maniaces, George **19**-435d; **20**-600d.
Manibhadra (deity) **23**-873b.
Manibunda, Ang. [**24**-82 C6].
Manica, N. Rhod. [**24**-83 E5]; **18**-287a; **2**-223c.
"Manica" (ship) **2**-1011a.
Manic-depressive insanity **12**-386b; **1**-55c; **18**-667b; **18**-722a.
MANICHAEISM (rel.) **14**-801d; asceticism **2**-499b; Bogomil **3**-779d; Inquisition **12**-377d; Leo I. **13**-925b; Marcionite tendency **14**-869b; Paulicians **17**-396d; St. Augustine **2**-684c fol.; sin **2**-69d.
Manicke, Mont. [**24**-144 A1].
Manicordo (instru.) **17**-893c; fig. 4 **17**-893.
Manicoré, Braz. [**24**-162 E5].
MANICURING (hygiene) **14**-804b; **6**-486d.
Manicurists (indus.) **7**-515c.
Manidae **7**-951b; **17**-183c.
Manifa, Bagirmi, C.Af. **3**-917a.
Manifest, La. [**24**-121 C2].
MANIFEST **14**-804c; **12**-124b.
Manifestation, Feast of the: *see* Epiphany, Feast of.
Manifold, cape, Austr. [**24**-169 D3].
Manifold, riv., Eng. **7**-558d.
Manifold (engin.) **15**-886c.
MANIFOLDS (math.) **14**-804c; **20**-943a; **10**-181a.
Manigri, Dah. [**24**-80 E4].
MANIHIKI, isls., Pac.O. [**24**-175 D3]; **14**-805d; **17**-14d.
Manihot Aipi (bot.) **4**-972a.
— glaziovii **19**-602d; **8**-816a.
— utilissima (bot.): *see* Cassava.
Maniken Pl. III. fig. 14 **3**-BIRDS.
Manikpur, India [**24**-66 C2].
Manikusa (Zulu chief) **10**-82c.
Manila, Ariz. [**24**-149 E4].
—, Ark. [**24**-120 E2].
MANILA, P.I. [**24**-73 B3]; **14**-806a; Brit. expedition (1762) **20**-395c; battle (1898) **22**-761c; **21**-150d; U. S. **17**-3b fol.; university **22**-872a.
—, S.Dak. [**24**-137 C2].
—, bay, P.I. [**24**-73 B3].
Manila Ateneo (P.I.) **17**-729a.
— copal (resin) **19**-211c.
— gums **22**-993b.
— **HEMP (ABACA)** **14**-808a; **11**-421d; **18**-39d.
Manila paper **14**-808c; **17**-235b.
Manilian (Rom. law.) **19**-494c.
MANILIUS (poet) **14**-808c; **5**-775d; **7**-342d; **13**-752a.
—, **GAIUS** **14**-808d.
Manilla, Ia. [**24**-138 B3].
—, Ind. [**24**-127 C3].
—, Austr. [**24**-171 K3].
—, Utah [**24**-152 E2].
Manilla elemi **8**-849a.
Manilla nut: *see* Peanut.
MANIN, DANIELE **14**-808d; **12**-802d.
Maninae (zool.) **7**-951b.
MANING, F. E. **14**-809b.
Maninian, Iv.Cst. [**24**-80 C3].
Man in the Iron Mask, The: *see* Iron Mask.
Man in the Panther's Skin, The (epic) **10**-203b.
Manioc (bot.) **8**-816c; **16**-193d; **21**-331b; *see also* Cassava.
Manioto, co., N.Z. [**24**-173 B6].
Manipa, isl., Mal.Arch. [**24**-72 G4].
—, str., Mal.Arch. [**24**-72 G4]; **5**-156c.
Maniple (mil.) **2**-398c; **19**-394b fol.
MANIPLE (vestment) **14**-809c.
Manipodre, mt., Sp. **4**-763b.
Manipori, lake, N.Z. [**24**-173 A6].
MANIPULATIVE SURGERY **14**-809d.
MANIPUR, state, India **14**-811b; **2**-551a; **18**-175c.
—, India [**24**-66 C2].
—, plat., India **4**-425b.
— tea **21**-858d.
MANIS: *see* Pangolin; Edentata.
MANISA, Turk., Asia [**24**-58 B3; **24**-9 M6]; **14**-811d.
Manises, Sp. **18**-346b.
Manis pentadactyla (zool.): *see* Pangolin.
Manistee, co., Mich. [**24**-131 E5].
—, Ala. [**24**-118 B4].
MANISTEE, Mich. [**24**-131 E5]; **14**-812a.
—, riv., Mich. [**24**-131 F5]; **15**-419b.

MANISTIQUE, Mich. [24-130 E4]; 14-812a; 15-424b.
—, lake, Mich. [24-130 F3].
Manistusu (obelisk) 21-618d.
Manisuris (bot.) 10-654a.
Manito, Ill. [24-128 C3].
— (myth.) 7-640d.
MANITOBA, prov., Can. [24-91 F2]; 14-812a; 4-694c; geol. 4-692b; hist. 4-707d fol.; 16-542a; govt. 6-316d; 17-408a.
MANITOBA, lake, Man., Can. [24-91 G3; 24-187 E3]; 14-813d.
— Farm Loan Act (1917) 1-361d.
Manitou, isl., Mich. [24-130 D2].
—, isl., Wis. [24-132 C3]; 21-576b.
—, Colo. [24-147 F3]; 14-813d.
—, Ky. [24-116 C3].
—, Man., Can. [24-91 G4].
—, Minn. [24-134 D3].
—, N.Dak. [24-136 B1].
—, N.Y. [24-102 G4].
—, Okla. [24-143 E4].
—, lake, Ont., Can. [24-90 C1].
—, lake, Sask., Can. [24-91 D3].
—, forest, Colo. 6-50d.
MANITOU (myth.) 14-813d.
Manitoulin, isl., Ont., Can. [24-90 A1]; 16-794d.
Manitowaning, Ont., Can. [24-90 B1].
—, bay, Ont., Can. [24-90 B1].
Manitowish, Wis. [24-132 C3].
MANITOWOC, Wis. [24-133 F5]; 14-813d; 15-424b; 23-679a.
—, riv., Wis. [24-133 F5].
Manitsok: *see* Sukkertoppen.
Manitu, Mong. [24-69 H3].
— (zool.) 19-801b.
MANIU JULIUS 14-814a; 19-639d; 19-652b.
Maniwaki, Que., Can. [24-46 A2].
Manix, Ill. [24-129 C5].
Maniyas Geul, lake, Turk. [24-58 B2]; 2-536a.
MANIZALES, Colom. 14-814a; 6-33d; 6-37a.
Manjak (tribe) 18-289c.
Manjak (min.) 2-549d; 3-94d.
Manjel, riv., Belg. [24-29 D3].
Manjit (bot.): *see* Indian madder.
Manjra, riv., India [24-67 C3; 24-182 E5].
Manjulik, Turk. [24-58 G3].
Manjuśri (Buddhist) 22-186a.
Mankaie (tribe): *see* Bulam.
Mankato, Kan. [24-142 D2].
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Mankind (anthro.): *see* Races of Mankind.
Mankodoane (chief) 19-259a.
Mankono, Iv. Cst. [24-80 C4].
Mankoya, N.Rhod. [24-82 D5].
MAN LANGUAGES 14-814b; 4-427d.
MANLEY, MARY DE LA Rivière 14-814b.
—, Sir Roger 14-814b.
Manley, Minn. [24-135 B8].
—, Neb. [24-139 H4].
MANLIUS (Rom. fam.) 14-814c.
—, C. (sol.) 5-42b.
—, Johann: *see* Manuel.
—, Ill. [24-128 C2].
—, N.Y. [24-103 E2].
— Torquatus 19-996b.
Manlous limestone 20-679d.
Manly, J. J. 13-693b.
—, T. (inv.) 17-803a; 17-817c.
—, Ia. [24-138 D1].
—, N.C. [24-112 F2].
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Mann, Corry 2-53b.
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— utility (econ.) 22-961a; 22-915a.
Marginate calyx (bot.) 9-411c.
MARGIN (fin.) 14-879c; 15-693c.
Marginella (zool.) 10-61a.
Margin plate (shipbuilding) 20-534a.
Margites 11-693d.
Margites (Gr. poem) data 10-834b.
Margna, mt., Alps 1-692d.
MARGOLIOUTH, DAVID S. 14-879c.
Margoulis (math.) 16-484b.
Mar Grande, Gulf, It.: *see* Taranto, Gulf of.
MARGRAVE (title) 14-879d.
"Margrave of Baden" (Grün) 10-924b.
Margu (tribe): *see* Margians.
—, U.S.S.R.: *see* Merve.
Marguerite, Pa. [24-106 B3].
MARGUERITE (plant) 14-879d; 5-664a; 4-894a; *see also* Daisy.
Marguerite (name): *see* Margaret, *except as below.*
MARGUERITE D'ANGOUlême (q. of Navarre) 14-880a; 9-666b; 7-264d.
— de Baugé (Fr.) M. Humbert IV. of Beaujeu 7-511c.
— **(MARGOT) DE VALOIS** (queen of Navarre) 14-880c; 9-785b.
MARGUERITE DE VALOIS, duchess of Savoy 14-880b; 8-742d; 15-124c.
— Louise (of Tuscany) 16-909b.
— Marillat (pear) 9-880d.
Margueritte, Jean A. (gen.) 20-269d.
—, **PAUL AND VICTOR** (nov.) 14-880c.
— (chem.) 5-400a.
Margules (meteorol.) 15-355c.
— -Duhem equation 22-109d.
Margut, Fr. [24-25 L2].
Marhan Dagh, mt., 'Iraq [24-61 A1].
MARHEINEKE, PHILIP Konrad (cler.) 14-880d.
Marheshvān (Jew. month) 4-580c.
Marholm, Laura (au.) 11-165d.
Marhum, Alg. [24-78 D2].
Mari (k. of Damascus) 13-46c.
—, A. (chess player) 5-435c.
MARI (Baluch tribe) 14-881a; *see also* Cheremiss.
—, Cyprus map 1-209.
Maria (emp.) 20-638c; 5-280d.
— (emp.) (Habsburg) 11-58d; 11-58b.
— (empress) (Toucy) 2-964d.
— (of Burgundy): *see* Maria (emp.).
— (of Hung.) 11-59a.
— (q. of Jerusalem) 6-788b.
— (q. of Port.) 3-1010d; 8-384b.
— I. (q. of Port.) 18-280d.
— II. (of Port.) 18-281c fol.
— (of Sp.): *see* Maria (emp.).
— (de las Mercedes) (Sp. q.) 1-688d.
— (of Würtemberg): *see* Maria (of Hung.).
— (It. princess) 23-124d.
— (Port. Infanta) 4-667c.
—, Mario de (paint.) 17-64 Dc.
— (people, India) 3-191c.
—, isl., Tas. [24-171 J9]; *see also* Hull, isl.
—, mts., A.-E. Sud. [24-184 F4].
—, pt., Lesbos: *see* Malea.
Maria (nov. Isaacs) 12-697c.
Maria (astron.) 15-576d.
"Maria" 2-292d.
Maria Adelaide (of It.) 20-27a.
Maria Alexandrovna (emp. Russia) 1-564c.
— Amalia (of Aus.): *see* Maria Amalia (of Parma).
— Amalia (of Bav.) 11-58d.
— Amalia (of Parma) 11-59a.
— Amelia (of Spain) 5-281a.
— Anna (of Austria) 17-7a.
— Anna (of Bavaria, d. 1616) 9-166a.
— Anna (of Spain, d. 1646) 9-166d.
— Anna Order (Ger.) 13-438b.
— Anne (of Sp.) 11-58b.
— Antonia (of Bav.) 11-58b.
— Antonia (of Tuscany) 11-59d.
— Beatrice (of Modena) 11-59c.
— -Besnyö, Hung. 10-463a.
Maria Capponi (nov., Schickele) 20-68b.
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— Carolina (of Aus.) 12-799c.
— Carolina (of Naples) 16-82c; 9-168a.
— Caroline (of Sic.) 11-59c.
— Christina (of Naples) 9-170a.
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— Christina (q. of Sweden) 23-5c.
— Christina, Order of (Sp.) 13-440b.
— Cillei (Pol. q.) 23-692d.
— Cleofas, isl., Mex. [24-158 C3].
— Commena (q. of Jerusalem) 1-726b.
— Cristina, canal, Sp. 13-164c.
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— de Jesus, Sor: *see* Agreda, Maria Fernandez Coronel.
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—, Filippo (It. sol.) 12-795b.
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— Immaculata (of Tuscany, Sic.) 11-59d.
— Josepha (of Aus.) 11-58d fol.
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— Leszczynska (Fr. q.) 14-419c.
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— Louisa (regent of Parma) 5-280d; 21-134c.
— Louisa (q. of Spain) 5-280d.
— Louisa (princess of Baden) 1-564a.
— Louisa, Order of (Sp.) 13-440b.
— Ludovica Beatrix (of Este) 9-665d.
— Luisa (of Spain) 5-281b.
— -Luisa (park, Seville) 13-662a.
"Maria Luz" (Peruvian ship) 2-223d.
Maria Madre, isl., Mex. [24-158 C3].
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—, isl., Mex. [24-158 C3].
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MARIANAS (MARANHAS) (S. Am. tribe) **14**-881b.
— (Ladrones), isls., Pac. O. [**24**-174 B4; **24**-181 N7]; **17**-4d; **17**-7a; **15**-429c; **17**-3d.
Marianas, sea, Pac. O. [**24**-73 C2].
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—, Fla. [**24**-115 C1].
—, Pa. [**24**-106 A3].
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Marianne (of Austria) **5**-286d.
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Marianne (Marivaux) **14**-908d.
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Marianni (class) **17**-566a.
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MARIANUS SCOTUS 14-881b.
Maria Pereira, Braz. [**24**-164 B2].
— Pia (bridge) **16**-813d.
Marias, Mont. [**24**-144 C1].
—, riv., Mont. [**24**-144 C1].
Maria Schnee (chapel) **10**-925b.
— **STELLA 14**-881b.
Maria Stuart in Schottland (Ebner-Eschenbach) **7**-881d.
MARIA THERESA (Aus. emp.) **14**-881c; **10**-274c; **2**-756b fol.; **11**-60a; **19**-385d; **9**-665c; **5**-286d; Aus. succession **2**-777c; **5**-265c; Belgium **3**-358b; Bohemia **3**-784d; Frederick II. **9**-716c; genealogy **11**-58d; Hungary **11**-908b; Jews **13**-59b; Pragmatic Sanction **11**-661b; Transylvania **22**-431c.
— Theresa (Bavaria) **21**-404d.
— Theresa (Fr.) **11**-58b; **14**-419a; **1**-688d; **21**-138b.
— Theresa (Naples) **9**-665d.
— Theresa (Port.) **11**-59a.
— Theresa (Sp.): *see* Maria Theresa (Fr.).
— Theresa (Teschen) **11**-59c.
— Theresa (Tuscany) **11**-59d.
— Theresa (Waldburg-Zeil): *see* Maria Theresa (Tuscany).
— Theresa (Würtemberg) **11**-59a.
— Theresa (square, Vienna) Pl. II. fig. 2 **2**-AUSTRIA.
— Theresa, Order of **13**-436c.
— Theresa, rd., Croat. **9**-339a.
— Theresa dollar **17**-606b.
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— van Diemen, cape, N.Z. [**24**-172 D1].
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—, Neb. [**24**-139 E2].
"Maria Walpole" (Gainsborough) **2**-483a.
MARIAZELL, Aus. [**24**-50 D3]; **14**-882b.
Marib, Arab. [**24**-62 E4]; **2**-184c; **19**-785a; **19**-786b; **23**-886a.
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Maribichicoa (dial.) **5**-129c.
Maribo, Den. [**24**-46 D4].
MARIBOR, Yugos. [**24**-52 B1]; **14**-882b; **23**-919b.
Maricá, Braz. [**24**-164 B5]; **19**-314b.
Marico, dist., S.Af. **22**-421a.
Marico, riv., Trans. [**24**-81 D2].
Maricopa, co., Ariz. [**24**-149 C5].
—, Ariz. [**24**-149 C5].
—, Calif. [**24**-155 D5].
—, mts., Ariz. [**24**-149 C5].
MARICOPA (tribe) **14**-882c.
Maricourt, Petrus P. de **6**-176c.
Maridi, A.E.Sud. [**24**-83 E2].
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Marie (name): *see* Mary; Maria.
Marie (emp. d. 1603) genealogy (table) **11**-58b.
— (emp. d. 1646) **11**-58b.
— (de Brabant) (Fr.) **17**-718d.
— (Champagne) **22**-501a.
MARIE (Rum.) **14**-882c.
— (of Sp.): *see* Marie (emp.).
— (Parma) **18**-279c.
— (Swed.) **5**-281d.
Marie, countess Vendôme: *see* Vendôme.
—, Abbé **13**-876c.
—, **P. HYACINTHE**: *see* Meyer, P. H.
—, Pierre **2**-96b.
—, Ark. [**24**-120 E2].
—, W.Va. [**24**-111 C4].
—, riv., Braz. [**24**-162 D4].
— -Adelaide (Luxem.) **14**-503a.
— Adelaide (It.) **11**-59c.
— Alexandrovna (Russ.) **1**-590c.
— **AMELIE THERESE** (Fr.) **14**-882c.
— Annunciata (Aus., Sis.) **11**-59a.
— **ANTOINETTE** (Fr.) **14**-882d; **9**-635a; **4**-673a; **19**-385d; diamond necklace **7**-321a; genealogy **11**-59c; Louis XVI. **14**-420a; Pl. I. fig. 4 **9**-FRENCH REVOLUTION; Pl. II. fig. 9 **15**-MINIATURE PAINTING.
Marie Antoinette (Belloc) **3**-385b.
Marieberg **18**-349b.
Marie Caroline (Battenberg) **3**-213c.
— Christine (Belg.) **3**-359a.
— **DE FRANCE** (poet) **14**-884c; **1**-945a; **9**-779a; **9**-780b; **3**-484b; **9**-21b.
— **DE' MEDICI** (Fr.) **14**-884d; children **11**-442a fol.; policy **9**-625c; Rubens paintings **19**-612d.
"Mariée, La" (Rouault) Pl. XVIII. fig. 2 **17**-PAINTING.
Marie Elizabeth **3**-358a.
— Euphorsyne **7**-147d.
— **FEODOROVNA** (Russ.) **14**-885a.
Mariefred, Swed. [**24**-45 G2].
MARIE GALANTE, isl., W.I. [**24**-157 F3]; **14**-885c.
Mariehamn, Aland Is. map **1**-496.
Marie Isabelle **17**-285c.
— Josephie (Sax.) **5**-278b.
Mariel, Cu. [**24**-157 B2]; **6**-833a.
Marielen See, lake, Switz. [**24**-30 E4].
MARIE LESZCZYNSKA (Fr. q.) **14**-885c.
Marielle, It. SomInd. [**24**-83 H2].
MARIE LOUISE (Fr. emp.) **14**-885d; **11**-59a; **12**-801c; Napoleon I. **16**-90c.
— Louise (Bourbon-Parma) **12**-801c.
— Louise (Sic.): *see* Marie Louise (Tuscany).
— Louise (Sp. Emp.) **16**-910c.
— Louise (Tuscany) **11**-59d.
Mariemount, O. Pl. 1 fig. 3 **20**-SOCIAL ARCHITECTURE.
MARIENBAD, Czech. [**24**-50 C2]; **14**-886b; **15**-532a.
Marienberg, Hesse-Nassau, Ger. [**24**-38 C3].
—, Sax., Ger. [**24**-39 J3].
Marienbourg, Belg. [**24**-29 C4].
MARIENBURG, E. Prus., Ger. [**24**-40 D1]; **14**-886b; **18**-654a; Pl. IV. fig. 4 **10**-GERMANY; air lines map **1**-463.
—, Hanover, Ger. [**24**-38 E1].
Marienburg, Lat.: *see* Aluksne.
— (treaty, 1656) **5**-282c.
Marienglas (min.): *see* Lapis specularis.
Marien-glashöhle, grotto **11**-43b.
Marienhausen, Latvia. [**24**-47 D2].
Marienkirche (ch.) **14**-451a.
Marienthal, Kan. [**24**-142 A3].
Marienville, Pa. [**24**-106 B2].
MARIENWERDER, Ger. [**24**-40 D2]; **14**-886c.
Mariep, Trans. [**24**-81 E2].
Maries, co., Mo. [**24**-141 E3].
Mariestad, Swed. [**24**-45 E2].
MARIE THERESE (Fr.) **14**-886c; **5**-278c.
— -Thérèse Charlotte **1**-955c; **14**-420b.
Marieton, Sask., Can. [**24**-91 E3].
Marie Touchet **8**-628d.
MARIETTA, Ga. [**24**-114 B3]; **14**-886d.
—, Ill. [**24**-128 B3].
—, Ind. [**24**-127 C3].
—, Minn. [**24**-135 B6].
—, N.Y. [**24**-103 D3].
MARIETTA, O. [**24**-125 D4]; **14**-886d.
Marietta, Okla. [**24**-143 F5].
—, Pa. [**24**-107 E3].
—, S.C. [**24**-113 B1].
—, S.Dak. [**24**-137 A3].
—, Wash. [**24**-150 C2].
Mariette, Auguste **4**-537b; **8**-40d fol.
MARIETTE, AUGUSTE F. F. (archaeol.) **14**-887a; **2**-236a.
Marietti, Camillo **4**-869d.
Marie Valerie (Aus.) **8**-365a.
Marieville, Can. [**24**-89 B3].
Marifjöra, Nor. [**24**-44 B1].
Marignac, J. C. de **2**-649b; **5**-361b; **18**-986c.
MARIGNANO, BATTLE OF (1515) **14**-887b; **9**-620d; Leo X. **13**-926d; field artillery **2**-464a; Swiss defeat **21**-675b.
— (expd.) **9**-666c.
MARIGNOLLI, GIOVANNI De' 14-888a.
MARIGNY, ENGUERRAND De (states.) **14**-888c.
—, **JEAN DE** (bp.) **14**-888d.
—, Fr. [**24**-24 D2].
MARIGOLD (bot.) **14**-888d; **6**-184a.
Marigot, W. I. **19**-847d.
— (channel), Af. **20**-327c.
Mariguana, isl., W.I. [**24**-157 D2].
MARII AUT. AREA. U.S.S.R. [**24**-48 G3]; **14**-889a; **19**-696a.
—, canal, U.S.S.R. Volga-Neva **23**-244a; **13**-917c.
— (people) **14**-889b.
MARIINSK, (Sib.) **14**-889b.
Mariiskaia, aut. area, U.S.S.R.: *see* Marii, aut. area, U.S.S.R.
Mariinsky waterway, U.S.S.R. **12**-366b.
Marijampolé, Lith. [**24**-47 B3].
Marijuana (drug) **11**-421b.
Mariken van Nieumeghen (play) **7**-772a.
Marila vallisneria (duck): *see* Canvas-back.
Marilla, Mich. [**24**-131 F5].
—, N.Y. [**24**-102 B3].
Marimalena, bay, Cu. **11**-259c.
Marin, John (paint.) **23**-412a.
—, **LOUIS** (pol.) **14**-889c.
—, co., Calif. [**24**-154 B3]; **19**-953a.
—, Martinique I., W.I. [**24**-157 F4].
Marina, isl., Pac. O.: *see* Espiritu Santo.
— (st.): *see* Margaret, St.
—, Via (Pompeii) **18**-200d.
Marind-Anim (tribe): *see* Tugeri.
— (lang.): *see* Merauke.
Marinduque, isl., P.I. [**24**-73 B3].
Marine, Ill. [**24**-129 C5].
— acid air: *see* Hydrochloric acid gas; Chlorine.
— animals: *see* Aquatic animals.
— barometers **3**-127c.
— Bio. Asso. of Gt.Brit. **17**-959c fol.
— Bio. Asso. of Un. Kgdom. **9**-302c.
— Bio. stations (list of) **14**-894a.
— **BIOLOGY 14**-889c; **14**-893a; **17**-1001b.
— boiler furnace fig. 10 **14**-899.
— boiler valve **19**-811d.
— City, Mich. [**24**-131 J7].
— climate **5**-816b; in U.S. **22**-728b.
— Corps **14**-904a.
— denudation **10**-161d.
— Dept., Board of Trade (Brit.) **23**-336b.
— deposition (geol.) **10**-162b.
— **ENGINEERING 14**-894b; salvaging **19**-910b.
— engines: types **21**-360c; **21**-354d; **7**-815b; fig. 3 **14**-895; diesel **7**-352d; fig. 5 **14**-896; int. comb. **14**-896c; reciprocating **14**-894c; turbines **14**-895b; *see also* Motorboat, engines.
— fauna **14**-892c; **9**-310a.
— fire **19**-444c.
— flora **14**-892c.
— Gasteropod fig. 5 **20**-629.
— glue **5**-111c; **10**-446c.
— Hosp. Ser. **15**-181d.
— Inhabitants Pl. I. fig. 1 **23**-VISUAL EDUCATION.
— **INSURANCE 14**-899c; **8**-995a; hist. **14**-50d; in U.S. **14**-902d.
— Ins. Act (Eng.) **2**-794d.
— labour **11**-808d.
Marine lamprey **15**-474c.
— law **17**-951a.
Marinelli **12**-823d.
Marine mussel **16**-27b.
— on St. Croix, Minn. [**24**-135 F6].
"Marine Parade and Chain Pier," Brighton (Constable) **6**-293c.
— park, N.Y.C. **16**-385a.
— period **10**-171d fol.
— railway: *see* Slipway.
— refrigeration **19**-56c.
Marine Reg. Book (Eng.) **3**-646d.
— reinsurance **19**-81b fol.
Mariner's compass: *see* Compass.
Mariners Harbor, dist., Staten I., N.Y. [**24**-104 B5].
— Mirror (publ.): *see* Spiegel der Zeevaart.
Marines, François, marquis de: *see* Créquy, François, chevalier de.
—, Fr. [**24**-24 G2].
Marine Salvage: *see* Salvaging.
MARINES 14-903b.
Marines, sables de **8**-633d.
MARINESCU, GEORGE (Rum. sci.) **14**-904c.
Marinesian sands (geol.): *see* Marines, sables de.
Marine soap **5**-949d; **20**-860a.
— Standards Comm., Am. **21**-306a.
— steam generators **14**-897c.
— **TRUMPET**: *see* Tromba Marina.
Marinette, Ariz. [**24**-149 C5].
MARINETTE, Wis. [**24**-132 F4]; **14**-904c.
Marinette, co., Wis. [**24**-132 F4]; **14**-904c.
MARINETTI, FILIPPO TOMASO 14-904d; **18**-322a; **12**-748d.
Marine Underwriters, Am. Ins. **14**-903a.
— valve transmitter **23**-671b.
Maringa, riv., Bel. Cong. [**24**-82 D2].
Maringin, riv., Sum. [**24**-72 B4].
Maringiouins, channel, W. Af.: *see* Ndiadier.
Maringues, Fr. [**24**-27 G2].
Maringuin, La. [**24**-121 C3].
Marinha Grande, Port. [**24**-32 B3].
Marinheiros, Ilha dos, isl., Braz. location **19**-319a.
Marinides: *see* Beni Marin.
Marinière, Mme. H. de la (mistress of Beaumarchais) **3**-274c.
MARINI (MARINO) GIAMBattista (It. poet) **14**-904d; **12**-744b.
Marinism (lit.) **14**-905a.
MARINKOVIC, DR. VOISlav 14-905a.
MARINO, It. **14**-905b.
—, U.S.S.R. [**24**-49 E4].
— (textile) **15**-280c.
Marino Faliero (Swinburne) **21**-669b.
— **GIAMBATTISTA**: *see* Marini Giambattista.
Marinot, Maurice (art.) **10**-406d; Pl. X. fig. 7 **10**-GLASS; Pl. XI. fig. 4 **10**-GLASS.
MARINUS I. (pope) **14**-905b.
— II. **14**-905b.
— (Arbe.) **19**-951b.
MARINUS (philos.) **14**-905b.
— **OF TYRE** (geog.) **14**-905c; **18**-736a fol.; **14**-838b.
—, R. (gram.): *see* Tonah, Rabbi.
MARIO, GIUSEPPE (singer) **14**-905c.
Mariolatry **14**-1000c.
Mariom, mt., Asia: *see* Kandar.
— Pamir, mt., C.Asia **17**-165c.
MARION, FRANCIS (Am. sol.) **14**-905d; **1**-800b.
—, co., Ala. [**24**-118 A1].
—, co., Ark. [**24**-120 C1].
—, co., Fla. [**24**-115 F2]; **16**-678c.
—, co., Ga. [**24**-114 B4].
—, co., Ia. [**24**-138 D3].
—, co., Ill. [**24**-129 C5].
—, co., Ind. [**24**-126 B3]; **12**-219c.
—, co., Kan. [**24**-142 E3].
—, co., Ky. [**24**-116 E3].
—, co., Miss. [**24**-119 C4].
—, co., Mo. [**24**-141 F2]; **11**-158c.
—, co., O. [**24**-124 B3].
—, co., Oreg. [**24**-151 C3].
—, co., S.C. [**24**-113 E2].
—, co., Tenn. [**24**-117 F2].
—, co., Tex. [**24**-123 G3].
Marion, co., W.Va. [**24**-111 C2].
—, isl., Ind.O. [**24**-185 G10].
—, Ala. [**24**-118 B3].
—, Ark. [**24**-120 E2; **24**-120 C1].
—, Colo. [**24**-147 E1].
—, Conn. [**24**-101 C1].
—, Ga. [**24**-114 B2].
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—, Samuel **16**-400d.
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—, **GEORGE PERKINS 14**-966d.
—, Henry **20**-395a.
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—, **OTHNIEL CHARLES 14**-967a; **16**-707c.
—, Richard **14**-966d.
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—, F. J. **5**-433a.
—, H. R. **9**-146c.
—, James W. **4**-594b; **16**-271b; **19**-799d.
—, Sir John **2**-236d; **2**-528b.
—, **JOHN 14**-968c; **1**-781d; **22**-794b.
—, **STEPHEN 14**-971c.
—, Thomas **18**-509d.
—, **THOMAS RILEY 14**-971c.
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—, co., Ia. [**24**-138 E2]; **14**-972a.
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—, co., Ind. [**24**-126 B1].
—, co., Kan. [**24**-142 F2]
—, co., Ky. [**24**-116 B4].
—, co., Minn. [**24**-134 B3].
—, co., Miss. [**24**-119 C1].
—, co., N.C. [**24**-112 C2].
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—, co., S.Dak. [**24**-137 G1].
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—, Minn. [**24**-135 C7].
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—, N.Dak. [**24**-136 B2].
—, O. [**24**-125 B4].
—, Okla. [**24**-143 F2].
—, Pa. [**24**-107 D4].
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—, **SHAILER** **15**-91c.
—, **THOMAS** **15**-91c; **2**-780d; **16**-170a; **22**-323a.
—, co., Va. [**24**-110 H3].
—, Ala. [**24**-118 C3].
—, Mo. [**24**-141 H5].
—, Va. [**24**-110 H3].
—, bay, Jap. [**24**-75 E10].
Mathewson, Colo. [**24**-147 G2].
— file-sharpener **19**-935c.
Mathey, Wales [**24**-16 A3].
— Cement Co.: *see* Atlas Portland Cement Co.
Mathgamain **12**-601d; **4**-108d.
Mathia, mt., Gr.: *see* Lykódimo.
Mathias, W.Va. [**24**-111 E3].
Mathieson, Oscar **20**-729d fol.
Mathiez, Albert **7**-42c.
Mathilden höhe (dist., Ger.) **7**-62b.
Mathis, Tex. [**24**-123 F5].
Mathiston, Miss. [**24**-119 C2].
Mathnavī (Pers. lit.) **17**-607d.
Mathnawī (Jalāl-uddīn) **19**-658b.
Mathnawī (Rūmī) **21**-523b.
Mathnawī (Sultān Veled) **22**-619b.
Mathoura, N.S.W., Austr. [**24**-171 G5].
Mathrafal, Wales **8**-115c.
Mathuata, isl., Fiji, Is. [**24**-176 D2].
MATHURA, India: *see* Muttra.
Mati, Gr.: battle (1897) **10**-596d.
—, P.I. [**24**-73 C4].
Matiaculah, Fr. W.Af. [**24**-80 E3].
Matiara, India [**24**-66 B1].
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Mati Dhwaja **13**-510b.
Ma-tien, riv., China [**24**-70 A2].
Matière de Bretagne **9**-778a.
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Matignon, Jacques G., comte de **7**-516c.
—, Fr. [**24**-24 C3].
Matil (lang.) **9**-258c.
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MATILDA (of Eng.) **15**-91d; **1**-976d; **10**-434c fol.
— I. (of Nevers) **2**-877a.
MATILDA (of Tuscany) **15**-92a; **11**-430b fol.; **9**-389b; **19**-413c; investiture **12**-791b.
Matilija poppy **18**-229b.
Matin (dog) **7**-496c.
Matin, Le **16**-350d fol.
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Mating **14**-940b; **20**-298c; **11**-955d; **11**-486b; animal **1**-964b; bird **16**-921a; *see also* Reproduction; Fertilization.
Matinicus, lake, Me. [**24**-96 D5].
MATINS **15**-92c.
Matisco, Fr.: *see* Macon.
MATISSE, HENRI **15**-92c; **18**-321b; **17**-64d; Pls. XVI., XX. **17**-PAINTING; Pl. IV. fig. 4 **21**-STILL LIFE.
Matjestontein, town, Cape Colony, South Africa [**24**-81 C4].
Matjua, mt., Mal. Arch. [**24**-72 A3].
Mat Kaldū, dist., Asia **5**-195a.
Matkas: *see* Fur-seals.
Matlask, Eng. [**24**-14 E3].
Matlin, Utah [**24**-152 A1].
MATLOCK, Derby., Eng. [**24**-14 B2]; **15**-92c; **7**-238c.
—, Ia. [**24**-138 B1].
—, Vict., Austr. [**24**-171 H6].
—, Wash. [**24**-150 B3].
— Bath, Derby., Eng. [**24**-14 B2].
Matlockite (min.) **13**-820a.
Matmat, Alg. [**24**-78 F2].
Matmata (people) **22**-557a; **1**-303d.
Matochkin, str., Arct. **13**-279c.
Matões, Braz. [**24**-164 B2].
Matoka, Ark. [**24**-120 D4].
Matolla, riv., Port. E.Af. **7**-148a.
Matombo, Tanganyika Terr. [**24**-83 G4].
Matonabee (Indian guide) **22**-414c.
Matonia (bot.) **18**-14c; fig. 5 **17**-83.
Matoniaceae **18**-729a.
Matonidium **17**-86c.
Matope, Nyasaland [**24**-83 G6].
Matopo, hills, S.Af. [**24**-81 D2].
MATOS FRAGOSO, JUAN DE **15**-92d.
Matos, Norton de **1**-950c.
Matotchkin Shar, Arct. [**24**-4 A9].
Mato Tepee, mt., Wyo.: *see* Devil's Tower.
Matour, Fr. [**24**-27 H1].
Matra, Hung. [**24**-51 G3].
—, mts., Hung. **4**-907a; **11**-898d.
Matrah, Arab. [**24**-62 F3]; **16**-785c.
Matralia (festival) **15**-65d.
Matran, Switz. [**24**-30 C3].
MATRASS (vessel) **15**-92d.
Matrensa, Sic. **20**-604d.
Matres, Lib. Des. [**24**-78 G2].
MATRIARCHY **15**-92d; **13**-404c fol.; **9**-60a fol.; India **4**-984a; marriage **14**-943b.
Matricaria camphor: *see* Laevo-camphor.
— chamomilla: *see* Chamomile, wild.
— Japonica Maxima: *see* Chrysanthemum.
Matricula (tax) **15**-93d.
Matriliny: *see* Matriarchy.
Matrimonial Causes Act (1857, Eng.) **7**-455a fol.; **6**-289c; (1860, Eng.) **18**-547b; (1907, Eng.) **1**-635b; (1923, Eng.) **7**-457c; (1923, Scot.) **20**-177d.
Matrimony: *see* Marriage.
MATRIMONY (game) **15**-93c.
Matrix (math.) **6**-96c; **10**-914d; **18**-826a; *see also* Characteristic matrix.
MATRIX (mould) **15**-93c; die sinking **7**-353d; printing **2**-789d; **18**-502d; seal **20**-244a.
Matronalia **13**-187b.
Mat Saleh (of Borneo) **3**-915b.
Matshangana (tribe) **10**-82c.
Matson, Mo. [**24**-141 G3].
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Matsu, bay, Jap. [**24**-75 M7].
Ma-tsu, isl., China [**24**-70 C4].
Matsudaira (Jap. fam.) **12**-946a.
—, Setsuko **15**-93d.
MATSUDAIRA, TSUNEO **15**-93d.
Matsudaira Sadanobu **12**-942c.
Matsue, Japan Pl. O **5**-CEMETERY.
MATSUKATA, MASAYOSHI, prince marquis **15**-93d.
Matsumoto, Jap. [**24**-75 L5].
Matsuo, Jap. [**24**-74 H6].
Matsusaka, Jap. [**24**-74 K6].
Matsushima, Jap. [**24**-75 M4].
Matsu Shima (Dagelet), isl., Jap. [**24**-74 G5].
Matsushiro, Jap. [**24**-75 L5]
Matsuura Hajime **12**-960a.
Matsuyama, Jap. [**24**-74 H7]; **3**-206a.
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—, Jan **15**-94d.
—, **QUENTIN** **15**-94b; **23**-651b.
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— (finish) **16**-743d; **21**-1005b.
Matt-painted ware **10**-795d.
Mattabesec (Mattabesett), Conn.: *see* Middletown.
Mattancheri, India **5**-938d.
Mattaniah (k. of Judah) **13**-48c.
Mattapanock, Mass.: *see* Dorchester.
Mattapoisett, Mass. [**24**-99 D2].
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— (priest) **13**-52c fol.
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—, riv., Ont., Can. [**24**-90 C1].
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—, riv., Me. [**24**-96 D3].
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Matterjoch, pass, Switz.: *see* Théodule.
Matter-stuff (chem.) **5**-355d.
Matteson, Ill. [**24**-128 E2].
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—, P. **2**-926a.
MATTHEW, ST. (apostle) **15**-95a; death il. **10**-971.
—, **GOSPEL OF ST.** **15**-95c; **3**-525a fol.; **13**-16a fol.; sacraments **19**-797c.
— (of Castelbon) **9**-441a.
— (of Edessa) **2**-384b.
—, **OF PARIS** **15**-97b; **14**-840c.
— (of Rum.) **22**-432a.
— (of Vendome) **17**-718d.
— **(OF WESTMINSTER)** **15**-97d.
—, Thomas (Eng. schol.): *see* Rogers, John.
—, Sir Tobias (Tobie) **15**-95c.
—, **TOBIAS (TOBIE)** (archbp. of York.) **15**-95b; Durham **7**-763c.
—, W. D. **14**-977a.
— Bible Pl. IV. fig. 3 **3**-BIBLE.
Matthew Passion (Bach) **16**-844a; **2**-869d and fol.
Matthew, St., Commentary on (Origen) **11**-863b.
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—, Charles **4**-483c.
—, George **9**-179a.
—, G. E. **16**-457b.
—, R. B. **8**-276d.
—, **STANLEY** **15**-98a.
"Matthews *v.* Ward" (law case) **13**-809b.
Matthews, Ill. [**24**-129 C6].
—, Ind. [**24**-126 C2].

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—, N.C. [24-112 I2].
—, hill, Va. (battle) 4-374d.
—, mts., Kenya [24-83 G2].
MATTHIAS (disciple) 15-98b.
MATTHIAS (emp.) 15-98b; 3-784a; reign 10-268a.
— (of Aus.) 11-58d.
MATTHIAS I., HUNYADI (k. of Hung.) 15-99a, Bakócz 2-946c; Casimir IV. 4-966b; cup 20-690d; Pol. 13-136d.
—, Stephen (emp.) 3-784a.
— (prince of Tuscany) 6-608b.
Matthias, Gospel of 2-107d.
Matthias (church, Budapest, Hung.) 4-323d.
— Corvinus: *see* Matthias I., Hunyadi.
— Hammond House (St. John's College, Md.) 1-982a.
Matthie, Ariz. [24-149 C5].
Matthiesen, Johann: *see* Matthysz, Jan.
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— incana: *see* Carnation.
MATTHISSON, FRIEDRICH Von 15-99c; 10-225c.
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Mattiaci (tribe) 16-126c.
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Mattle's, peak, S.Dak. 21-88c.
Mattinata, It. 2-154d.
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Mattoax, Va. [24-110 G3].
Matto Grasso, Braz. [24-160 D4]; 7-315d.
— Grosso, plat., Braz. [24-190 D4].
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MATURIN, C. R. 15-100c.
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Matutinus (deity): *see* Janus.
MATVYEEV, ARTAMON S. 15-100c.
Mat-weed 10-657c.
Matzingen, Switz. [24-31 F1].
Matzos (cake) 4-63d.
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—, plat., Kenya Colony 13-339c; oxygen requirement 22-1009d.
Maua (tribe) 18-285c.
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—, terentianus: *see* Terentianus.
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— **JEAN S.** (card.) 15-110b.
— **MATTHEW F.** (nav. of.) 15-110d; 20-539d; 16-680a.
—, co., Tenn. [24-117 D2].
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— (of Halicarnassus) 10-813d; Scopas 20-136a; 2-451a.
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—, **ANTON** 15-111a.
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—, Alexander (prince) 15-111c; 10-821b; 4-482c.
—, Constantine 15-111c.
—, Nicholas 15-111b.
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—, Ind. [24-126 B2].
—, Minn. [24-134 D4].
—, N.Dak. [24-136 C2].
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—, lake, Man., Can. [24-91 G2].
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—, **M. AURELIUS VALERius** 15-111d; 6-298b.
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— (elector of Cologne) **11**-59c.
— Egon (Fürstenberg-Pürglitz) **9**-953a.
— Eugene (of Aus.) **11**-59b.
— Henry (bp. of Bavaria) **14**-40a.
— Joseph (of Modena) **11**-59c.
— (chapel, Mex.) il. **15**-116.
— armour (mil.) **2**-393a; Pl. II. fig. 5 **2**-ARMS & ARMOUR.
Maximilian, Joseph, Military Order of (Bav.) **13**-437d.
Maximilianeum (bldg., Munich) **15**-959c.
Maximilians Au, Ger. [**24**-38 D4].
Maximilianstrasse (street, Munich) **15**-959c.
Maximilienne Wilhelmine Marie: *see* Maria Alexandrovna (emp. of Russ.).
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Maxims (La Rochefoucauld) **13**-727c.
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Maxims of Phra Ruang **20**-597a.
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Maximum (math.) **15**-112b; area theorems **15**-112b.
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— demand meter (elec.) **8**-286c.
— -minimum tariff **6**-118b.
— stress theory **15**-58c fol.
MAXIMUS, ST. (Chrysopolis) **15**-118c; **16**-52a.
MAXIMUS (emperors) **15**-118d.
— (consul, 105 B.C.) **2**-216c.
— (Rom. emp., fl. A.D. 383) **19**-507a.
— (Rom. emp., 455) **19**-508c.
— (of Tyre, Gr. au.) **6**-728b.
—, Magnus (Rom. emp.) **15**-119a.
—, Marius **2**-681c.
—, M. Clodius Pupienus (Rom. emp.) **15**-118d.
—, Petronius (Rom. emp.) **15**-119a.
—, Q. Fabius (Rom. gen.) **1**-659c.
—, Tyrannus (Rom. emp.) **15**-119a.
—, Valerius (Rom. au.) **13**-751c.
— **OF SMYRNA** (Gr. philos.) **15**-119b.
— Planudes (monk) **2**-29c; Aesop biog. **1**-263c.
Maxinhuckee, lake, Ind. [**24**-126 B1].
Maxixe (dance) **7**-23a.
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Maxon, Ky. [**24**-116 B3].
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Maxton, N.C. [**24**-112 F3].
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—, Fla. [**24**-115 G1].
—, Mont. [**24**-144 B2].
—, Ont., Can. [**24**-90 E2].
—, Oreg. [**24**-151 H2].
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—, **ANNA CAROLINE** (Am. nurse) **15**-119c.
—, Clerk (Brit. phys.): *see* Maxwell, James Clerk.
—, Sir Herbert (Scot.) **15**-119b.
—, **JAMES CLERK** (Brit. phys.) **15**-119d; ed. Cavendish **8**-185b fol.; dielectric displacement currents **8**-212c fol.; diffusion experiments **7**-373c; elec. waves **8**-298a fol.; electromagnetism **8**-190c fol.; **19**-97b fol.; **23**-663c; electromagnetic equations fig. 24-d **8**-212; electron **8**-336c; kinetic theory of gases **13**-387c; light, electromagnetic equations **14**-71b; light, modern theory **14**-61c; lightning conductors **14**-116a; planimeter **15**-69d; photography **17**-816d; pressure of light **14**-63c; quantum theory **18**-825d; radiation absorption **18**-880d; Saturn **20**-9a; sorting demons **22**-108c; thermal conductivity **11**-333a; vaporization **22**-982b; velocities of particles **4**-271a; viscosity and sound waves **21**-27c; viscosity of gases **23**-197a.
Maxwell, John, 3rd earl of Nithsdale: *see* Nithsdale.
—, John, lord Herries: *see* Herries.
—, **SIR JOHN G.** (gen.) **15**-120b.
—, R. (golf champ.) **10**-503b.
—, Robert, lord and earl of Nithsdale (Scot.): *see* Nithsdale.
—, Robert 2nd earl of Nithsdale (Scot.): *see* Nithsdale.
—, Robert, 4th earl of Nithsdale: *see* Nithsdale.
—, Thomas (Eng. cler.) **23**-518a.
—, Sir W. E. (Brit. colonial offi.) **2**-505d.
—, William, 5th earl of Nithsdale (Scot.): *see* Nithsdale.
—, William, 5th lord Herries: *see* Herries.
—, William Constable, Lord Herries (Scot.): *see* Herries.
—, Calif. [**24**-155 C5].
—, Ia. [**24**-138 D3].
—, Ill. [**24**-128 C3].
—, Ind. [**24**-126 C3].
—, Neb. [**24**-139 D3].
—, N.Mex. [**24**-148 E2].
—, Tex. [**24**-123 F5].
—, Va. [**24**-110 C3].
— (elec. unit) **12**-433a.
Maxwell-Boltzmann law **3**-27a; radiometer **18**-900d.
MAXWELLTOWN, Scot. [**24**-12 A2]; **15**-120c; pop. **13**-414c.
Maxyans (people) **17**-571d.
May, Erskine (Eng. hist.): *see* Farnborough.
—, John **15**-127c.
—, **PHIL** (Eng. caric.) **15**-120c; **17**-464a; *Punch* **4**-950d.
—, Robert **6**-367b.
—, Samuel J. **6**-443d.
—, **THOMAS** (Eng. poet) **15**-120d.
—, **SIR THOMAS E.**: *see* Farnborough.
— (Meye), William (cler.) **15**-121a.
—, Ida. [**24**-145 E5].
—, Okla. [**24**-143 D2].
—, S.C. [**24**-113 E2].
—, Tex [**24**-123 E2].
—, cape, N.J. [**24**-105 B3].
MAY, ISLE OF, Scot. [**24**-18 F5; **24**-12 B1]; **15**-121b; lighthouse **14**-95d.
—, pt., Nfd. [**24**-93 C3].
—, riv., Fla.: *see* St. Johns.
MAY (month) **15**-121a.
— (shrub): *see* Hawthorn.
MAYA (tribe) **15**-121b; altar il. **1**-707; art **5**-132b; Cakchiquels **4**-540c; calendar **4**-581b; **5**-660d; il. **4**-581, 82; Central Am. **5**-129a fol.; Chichem-Itzá **5**-459a; climate and civilization **5**-827d; dialects **5**-129c; hist. records **16**-506d; Honduras **4**-200d; lang. **5**-140d; monument il. **5**-130; il. **10**-940; numeral system **16**-613a; **16**-614c; priest fig. **5** **6**-509; religion **5**-131c; Uxmal ruins **22**-917d.
—, isl., Mal. Arch. **22**-204c.
—, pass, Sp. **7**-240b.
—, riv., (Sib.) U.S.S.R. **13**-909c.
Māyā (philos.) **12**-249a; Saṁkara's theories **12**-252c.
Mayaguana, isl., W.I. **2**-928b.
MAYAGUEZ, P.R. [**24**-157 E3]; **15**-121c.
Mayaki, U.S.S.R. [**24**-49 D5].
Mayakovsky, Vladimir (Russ. dram.) **7**-618c; **19**-757a.
Mayáns y Siscar, Gregorio **21**-159a.
Mayapan, anc. city, Mex. **5**-459a.
— league **22**-917d.
MAY APPLE **15**-121c.
Maya-Quiché Pl. II. fig. 1 **16**-NORTH AMERICA; il. **10**-941.
Mayara, spring, N.W.Af. [**24**-78 C3].
Mayari, Cu. [**24**-157 C2].
Mayas **23**-915a.
Mayavaram, India [**24**-67 C4].
Maybach carburetter **12**-506c.
Maybell, Colo. [**24**-147 B1].
Mayberry, Ill. [**24**-129 D5].
May-blossom, odour of **17**-506d.
MAYBOLE, Scot. [**24**-19 D6]; **15**-121d.
Maybrook, N.Y. [**24**-102 F4].
Mayburg, Pa. [**24**-106 B2].
Mayda **2**-638a.
May day **15**-121a; **3**-388b; **7**-587b.
May-Day, The (Tullin) **16**-559d.
May Day and Other Pieces (Emerson) **8**-393b.
Maydeae (bot.) **14**-696b; **10**-656b.
Maydelle, Tex. [**24**-123 G4].
Maydestan, Kent, Eng.: *see* Maidstone.
Maydir, plat., Sah. [**24**-78 E3].
Maye jite (Nō character) **16**-479a.
MAYEN, Ger. [**24**-38 C3]; **15**-121d.
Ma-Yen, riv., Manchuria [**24**-69 M2].
Mayence, Ger.: *see* Mainz.
—, Doon de: *see* Doon.
MAYENNE, CHARLES OF Lorraine, duke of **15**-121d; **9**-624c; **10**-975c.
—, Juhel, baron of **15**-122d.
—, Fr. [**24**-24 E3].
MAYENNE, dept., Fr. [**24**-24 E3]; **15**-122b; **9**-585c.
MAYENNE, Fr. **15**-122d.
—, riv., Fr. [**24**-24 E4].
Mayer **4**-665b.
—, Adolf **4**-563b.
—, Mlle. Constance Pl. II. fig. 2 **15**-MINIATURE PAINTING.
—, F. (orient.) **20**-102c.
—, **JOHANN TOBIAS** **15**-122d; **14**-639a; **2**-587c; **16**-671c.
—, Joseph **14**-233a; **15**-1002b.
—, J. R. **11**-322d.
—, **JULIUS ROBERT** **15**-123a.
—, Maximilian **2**-154c.
—, R. (physic.) **8**-439a.
—, Ariz. [**24**-149 C4].
—, Minn. [**24**-135 E7].
—, Tex. [**24**-122 D4].
Mayes, co., Okla. [**24**-143 H2].
—, Ala. [**24**-118 D1].
Mayesville, S.C. [**24**-113 D3].
Mayet (chess) **5**-432c.
—, Fr. [**24**-24 F4].
Mayet-de-Montagne, Fr. [**24**-27 G1].
Mayetiola destructor: *see* Hessian fly.
Mayetta, Kan. [**24**-142 G2].
—, N.J. [**24**-105 B3].
Mayette walnut **23**-311b.
Mayeur (offi.): *see* Mayor.
May-eve: *see* Roodmas.
Mayfair, Ill. [**24**-128 E2].
—, dist., Lond. **14**-351b.
"May Festival" (Szinyei-Merse) **21**-727c.
Mayfield, Ga. [**24**-114 D3].
—, Ida. [**24**-145 B6].
MAYFIELD, Ky. [**24**-116 B4]; **15**-123b.
—, Md. [**24**-109 C1].
—, Me. [**24**-96 C3].
—, Mo. [**24**-141 H4].
—, N.Y. [**24**-103 F2].
—, Okla. [**24**-143 D3].
—, Pa. [**24**-107 F2].
—, S.Dak. [**24**-137 G3].
—, Staffs., Eng. [**24**-14 B2].
—, Sus., Eng. [**24**-15 D4].
—, Utah [**24**-152 C3].
— (house, Eng.) **11**-99c.
MAYFLOWER (ship) **15**-123b; il. **1**-748.
—, Ark. [**24**-120 C3].
"Mayflower" (Am. yacht) **23**-870a.
Mayflower: *see* Arbutus, Trailing.
— Compact **15**-123b.
— Descendants, General Society of **15**-123b.
May-flowering tulip: *see* Cottage tulip.
MAY-FLY **15**-123c; Pl. fig. 7 **12**-INSECT.
"Mayfly, The" **1**-469c.
May-fly nymph fig. 40 **12**-420.
Mayger, Oreg. [**24**-151 B1].
MAYHEM (law) **15**-124a.
Mayhew, Augustus Septimus **15**-124b.
—, **HENRY** (Eng. au.) **15**-124b; **13**-906b.
—, Horace **15**-124b.
Mayhew, Jonathan **1**-785c; **3**-937d; **22**-710b.
—, **THOMAS** **15**-124b; **14**-982d.
—, Miss. [**24**-119 D2].
—, Wis. [**24**-133 E7].
Mayhill, N.Mex. [**24**-148 D6].
Mayland, Tenn. [**24**-117 F1].
May Laws (Ger.) **10**-295b.
— (Russ.) **2**-76a.
Maylene, Ala. [**24**-118 C2].
Mayline, Kan. [**24**-142 A4].
May manifesto **6**-958b.
— meetings **7**-959b.
Maymyo, Bur. [**24**-66 D2]; **14**-789a; **10**-6d.
Mayna, La. [**24**-121 C2].
— Capac (Inca) **2**-312a.
Maynard, C. M. **19**-744c.
—, Frances E., countess of Warwick: *see* Warwick.
—, **FRANCOIS DE** **15**-124b.
—, Ark. [**24**-120 E1].
—, Ia. [**24**-138 F2].
—, Ind. [**24**-126 A1].
—, Mass. [**24**-99 C1].
—, Minn. [**24**-135 C7].
Maynardville, Tenn. [**24**-117 H1].
MAYNE, JASPER **15**-124c.
—, John **7**-729d.
—, dist., N.Bor. [**24**-72 E3].
—, riv., Queens., Austr. [**24**-169 B3].
MAYNOOTH, Ire. [**24**-20 E3]; **15**-124c.
—, Ont., Can. [**24**-90 D2].
— College **19**-420d.
MAYO, EARLS OF **15**-124c;
—, **CHARLES H.** **15**-124d.
—, MacWilliam I. **6**-265b.
—, **RICHARD S. B.,** 6th earl of **15**-125a; **12**-197a.
—, **WILLIAM J.** **15**-125a.
— Clinic **15**-124d; **15**-125a; **19**-363b; foundation **15**-564a.
MAYO, co., Ire. [**24**-20 B3]; **15**-125b; **12**-594a fol.
—, dist., Yukon, Can. **23**-925c.
—, Fla. [**24**-115 E1].
—, Kan. [**24**-142 C4].
—, La. [**24**-121 A2].
—, Md. [**24**-109 C2].
—, S.C. [**24**-113 C1].
—, bay, P.I. [**24**-73 C4].
—, riv., Arg. [**24**-165 B6].
—, riv., Mex. [**24**-158 C2].
— (tribe) **22**-915a.
Mayodan, N.C. [**24**-112 F1].
Mayodon, Jean **18**-357a.
Mayo Kebbi, riv., W.Af.: *see* Kebbi.
Mayon, P.I. [**24**-73 B3].
Mayon, volcano, P.I. **14**-57c; **1**-518d; **17**-725d.
Mayonnaise (sauce) **6**-367b; **20**-10c; **19**-866a; *see also* Sauces.
MAYOR, JOHN EYTON Bickersteth **15**-125d.
MAYOR (title) **15**-125d; France **6**-133c; **7**-668a fol.; Lond. **14**-364b; regulations **15**-126a fol.; robes **19**-354b.
— **OF THE PALACE** **15**-127a; **9**-612a.
—, Plaza (Madrid, Sp.) **14**-617a.
— (square, Salamanca) **19**-867c.
—, isl., N.Z. [**24**-172 F2].
— -council (U.S.) **22**-771b.
Mayor's court **2**-120c.
Mayo's, isl., Va. **19**-296a.
Mayosso, S.L. [**24**-80 B4].
Mayotta, isl., Ind.O. [**24**-83 J5].
MAYOTTE, isl., Ind.O. **15**-127b; **6**-140c.
MAYOW, JOHN **15**-127c; **3**-591b; **5**-357a; **6**-98c; **15**-201c.
Maypole **15**-121a.
— (nick.): *see* Kendal, Ehrengarde Melusina, duchess of.
Mayport, Fla. [**24**-115 G1].
May Queen **7**-587b.
Mayr, Michael **2**-772c.
Mayraira, cape, P.I. [**24**-73 B2].
Mayran, lake, Mex. [**24**-158 D2].
Mayrhofer, Johann **20**-105d.
Mays, Ill. [**24**-129 E4].
—, Ind. [**24**-127 C3].
Maysdorf, Wyo. [**24**-146 G1].
Mayși, cape, Cu. [**24**-157 D2].
Mays Landing, N.J. [**24**-105 B3].
Mays Lick, Ky. [**24**-116 G2].
Maysville, Ala. [**24**-118 C1].
—, Ark. [**24**-120 A1].
—, Ill. [**24**-129 B4].
MAYSVILLE, Ky. [**24**-116 G2]; **15**-127c.
—, Me. [**24**-96 E2].
—, Mo. [**24**-140 C2].
—, N.C. [**24**-112 H3].
—, W.Va. [**24**-111 D2].
Maytown, Fla. [**24**-115 H3].
Maytown, Ky. [**24**-116 G3].
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Meri-Ra (tomb, Egy.) 21-804a.
Merismopedia (bot.) 1-601c; fig. 4, J 1-599.
Merissa (beer) 20-332a.
MERISTEM (bot.) 15-281c; 18-10d.
Meristematic tissues (biol.) 18-26d.
Meristic variation (biol.) 8-923d.
Merit (theol.) 4-633c.
—, orders of 13-434d; (British) 13-435c; (Württemberg) 13-438b.
—, Order for 13-438a.
Mérite, Ordre pour le (Ger.): *see* Merit, Order for.
Meritorious Service Medal (Eng.) 16-638b.
MERIVALE, CHARLES 15-281c.
Meriwether, David 19-975a.
—, co., Ga. [24-114 B3].
—, Ga. [24-114 C3].
— Lewis Natl. Park (Tenn.) 16-157a.
Merjan, riv., Mesop. 8-817b.
Merja Rased Dura (c.), Mor. [24-78 C2].
Merj Dabik, Syr. 8-86c; 1-556a.
— 'Iyun, plain, Pal. 13-853a.
Merk (coin): *see* Mark.
MERKARA: *see* Mercara.
Merkelsgrün, Czech. [24-39 H3].
Merkendorf, Ger. [24-39 F4].
Merket, Sin-Kiang [24-68 B4].
Merklin, Czech. [24-39 J4].
Merkur (news.): see *Rheinische Merkur.*
Merkwürdige Criminalfälle (Feuerbach) 9-208c.
MERLE (zool.) 15-281c.
Merlemont, Belg. [24-29 C4].
Merlerault, Fr. [24-24 F3].
Merlige, Switz. 22-168b.
Merlijns Boeck (Du. nov.) 7-771b.
MERLIN, ANTOINE C. 15-281c.
MERLIN, PHILIPPE A., count 15-281d.
MERLIN (legend) 15-282a; 11-510a; 1-945b.
Merlin, La. [24-121 C3].
—, Oreg. [24-151 B5].
Merlin (nov., Heyse) 11-537a.
Merlin (Immerman) 12-111b; 10-227a.
Merlin, Life of (Geoffrey of Monmouth) 10-136a.
MERLIN (zool.) 15-282b; 9-45d.
— -Ambrosius (legend) 15-282a.
Merlini Cocaii macaronicon (poem, T. Folengo) 9-443d.
Merlino, Girolama 6-467c.
MERLINO COCCAJA: *see* Folengo, Teleofilo.
Merlin-Sylvestris (legend) 15-282a.

MERLON (arch.) **15**-282b; **3**-220a.
Merluciidae (zool.) **9**-319a.
Merluccius (zool.): *see* Hake.
Mermaid Reef, W.Austr. [**24**-168 B2].
MERMAIDS AND MERMEN (folk-lore) **15**-282b; **20**-718d.
Mermaids' purse (zool.) **8**-27c; **7**-498d.
Mermaid Tavern **5**-858c.
MERMEN: *see* Mermaids and Mermen.
Mermentau, La. [**24**-121 B3].
Mermnad (dynasty) **11**-19c.
Mern, Den. [**24**-46 E3].
Merna, Neb. [**24**-139 E3].
—, Wyo. [**24**-146 B3].
Merneptah (Egy. k.) **8**-972b; **10**-320d; **18**-965a.
Mernmerna, S.Austr. [**24**-170 D3].
MEROBAUDES, FLAVIUS **15**-282c.
Meroblastic egg **12**-552a.
— segmentation (biol.) **19**-181b.
Merodach (myth.): *see* Bel-Marduk; Marduk.
Merodach (Marduk)-baladan (Babyl.) **2**-856d.
— II. (Babyl.) **5**-655d.
— III. (Babyl.) **5**-655d.
Merodach-nadin-akhi (Marduk-nadin-akhē) (Babyl.) **2**-856c.
Merode, Maître de (Flem. paint.): *see* Campin, Robert.
MEROE, Egy. **15**-282d; **8**-779b.
Meroe, dist., A.E.Sud., Af. [**24**-79 C4]; **21**-505b.
—, (town) Sud.: *see* Merawi, New.
— Island, A.E.Sud. [**24**-79 C4, 5].
MEROITIC LANGUAGE AND Writing **15**-283a; **1**-312c.
Merom, Ind. [**24**-127 A3].
—, Waters of, Pal.: *see* Hūle, lake.
Mcrope (Arnold) **2**-424a.
Merope (daughter of Atlas) **15**-283b.
MEROPE (daughter of Cypselus) **15**-283b.
Merope: Alfieri **7**-591c; Maffei **7**-591b; Torelli **7**-591a; Voltaire **23**-249a.
Meroplanktonic animals **7**-437a.
Meros, mt., India: *see* Koh-i-Nor.
Merostomata (zool.) **2**-204b.
Merovaeus (Frank. k.): *see* Merwich.
Merovech (Frank. k.): *see* Merwich.
Mérovée (myth.): *see* Merowech.
Meroveus (k. of Franks) **9**-698b.
Merovigli, mt., Gr.: *see* Hagios Stephanos.
MEROVINGIANS **15**-283c; **9**-764b; **9**-611c; capitularies **4**-811c; chancery **7**-409c; coinage **16**-625d; Dagobert I. **6**-973d; palaeog. **17**-100c.
Merowe, Sud: *see* Merawi, New.
Merowech (myth.) **16**-668b.
Meroxene (min.) **3**-621c.
Merredin, W.Austr. [**24**-168 B5].
Merrellton, Ala. [**24**-118 D2].
Merrey, Fr. [**24**-25 L3].
MERRIAM, CLINTON H. **15**-283c; **3**-509d.
—, **JOHN C.** **15**-283d.
—, Ill. [**24**-129 D5].
—, Minn. [**24**-135 E7].
—, O. [**24**-125 D4].
—, Wis. [**24**-132 B3].
MERRICK, LEONARD **15**-284a.
—, co., Neb. [**24**-139 F3].
—, mt., Scot. [**24**-19 D6; **24**-177 D3]; **20**-142d.
Merrickville, N.Y. [**24**-103 E3].
—, Ont., Can. [**24**-90 E2].
Merricourt, N.D. [**24**-136 F3].
Merrifield, Minn. [**24**-134 D5].
—, N.D. [**24**-136 G2].
Merril, Oreg. [**24**-151 D5].
Merrilan, Wis. [**24**-133 C5].
Merrill, Ia. [**24**-138 A2].
—, Md. [**24**-108 A1].
—, Miss. [**24**-119 D5].
—, N.Y. [**24**-103 G1].
—, Pa. [**24**-106 C2].
MERRILL, Wis. [**24**-132 D4]; **15**-284a.
Merrillville, Ga. [**24**-114 C6].
—, Ind. [**24**-126 A1].
Merrimac, Ill. [**24**-129 B5].
Merrimac, Ky. [**24**-116 E3].
—, Mass. [**24**-99 D1].
MERRIMAC, riv., U.S. [**24**-99 C1]; **15**-284a.
"Merrimac" (ship) **8**-685a; **1**-766c; **1**-758d; *see* "Monitor" and "Merrimac," Battle of.
Merrimack, co., N.H. [**24**-97 C3]; **6**-204a.
—, N.H. [**24**-97 C4].
—, Wis. [**24**-133 D6].
— Manufacturing Co. (U.S.) **14**-444a.
Merriman, Brian Mac G.: *see* Meidhre.
—, **HENRY SETON** **15**-284a.
—, **JOHN X.** **15**-284b.
—, Neb. [**24**-139 C2].
Merrimbula N.S.W. [**24**-171 J6].
MERRITT, WESLEY **15**-284c.
—, B.C., Can. [**24**-92 E4].
—, Mich. [**24**-131 F5].
—, N.C. [**24**-112 J2].
—, Wash. [**24**-150 E3].
— Island, Fla. [**24**-115 H3].
Merriville, Calif. [**24**-154 C2].
Merriwa, N.S.W. [**24**-171 K4].
Merriwold, N.Y. [**24**-102 F4].
Merrow, Conn. [**24**-101 D1].
—, Eng. [**24**-15 C4].
Merry, R. **7**-169d.
—, lake, Man., Can., [**24**-91 H2].
— **DEL VAL, RAPHAEL** **15**-284c.
Merrygoen, N.S.W. [**24**-171 J3].
Merry-go-round conveyor (machinery) Pl. II. fig. 5 **6**-CONVEYORS IN MASS PRODUCTION.
Merrymeeting, lake, N.H. [**24**-97 C3].
Merry Mount, Mass. **18**-852d.
— Mount, N.C. [**24**-112 G1].
Merrymount Press (Boston) **18**-500c; **3**-876d.
Merrythought (bone): *see* Furcula.
Merryville, La. [**24**-121 A3].
Merryweather, J. C. **9**-270a.
Merry Wives of Windsor (play, Shakespeare) **9**-58d; composition **20**-441c; Falstaff **8**-581d.
Mers, Fr. [**24**-26 E1; **24**-24 G5].
Mersch, Luxem. [**24**-29 E5].
Merschede, Ger. [**24**-38 D2].
Merschcid, Ger.: *see* Ohligs.
Merse, dist., Scot. **3**-466c.
Mersea I., Eng. [**24**-15 D4].
—, East, Eng. [**24**-15 D4].
—, West, Eng. [**24**-15 D1].
MERSEBURG, Ger. [**24**-39 H2]; **15**-284d.
Mérseburg Charms (Ger. poem) **10**-219d.
Mersegret (myth.) **8**-59b.
Mers-el-Kebir, Alg. **16**-834b.
MERSEN, TREATY OF **15**-284d; **10**-257a; Gelderland **10**-91b; Louis the Ger. **14**-413d.
MERSENNE, MARIN **15**-284d; Descartes **7**-245a; influ. on Hobbes **11**-611d; perfect numbers **16**-606d; spinets described **17**-894c.
Mersereau (blackberries) **9**-885c.
MERSEY, JOHN C. B. 1st viscount **15**-285a.
MERSEY, riv., Eng. [**24**-10 D3; **24**-13 B4; **24**-177 E4]; **15**-285a; **5**-423a; entrance channels map **11**-172; harbour entrance **11**-173a; lights **14**-91a; Liverpool **14**-232a.
—, riv., N.S., Can. [**24**-88 E4].
—, riv., Tas. East & West Devonport **7**-202c.
"Mersey" (ship) **23**-781a; **7**-855c.
"Mersey" (trawler) **9**-297b.
—, (tunnel, Eng.) **22**-562a.
— Docks and Harbour Board **14**-102a fol.; **14**-233d; **3**-642b.
— and Irwell Navigation Proprietors **14**-778c.
— Tunnel Act **22**-564a.
Mershe, Ralph **6**-759a.
MERSINA, Turk. [**24**-58 F4]; **15**-285a.
Mersivan, Turk. [**24**-58 F2].
Merson, Olivier (Fr. art.) **8**-419b.
Merssen, Treaty of (870) **16**-248b.
Merstham, Eng. [**24**-15 C4].
MERSWIN, RULMAN **15**-285b.
Merta, India [**24**-65 C3].
Mertens, Eva **13**-313d.
Mertens, Tex. [**24**-123 F4].
MERTENSIA (herb genus) **15**-285b.
— maritima (plant): *see* Sealungwort.
— virginica (plant): *see* Virginia cowslip.
Merten's theorem (math.) **20**-364b.
"Merthyr judgment" (case, Wales, law) **18**-216a.
— **TYDFIL**, Wales [**24**-17 C3; **24**-11 C5]; **15**-285c.
Mertilla, Kan. [**24**-142 B4].
Mertingen, Ger. [**24**-39 F5].
Mertisen (Egy. Sculp.) **8**-46c.
Mertola, Port. [**24**-32 C4].
Merton, Walter de **22**-865b.
—, Eng. [**24**-17 B4].
—, Vict., Austr. [**24**-171 G6].
—, Wis. [**24**-133 E6].
—(priory, Surr., Eng.) **20**-245d.
—, Statute of **6**-125b.
— coll. **22**-865a; ante-chapel **2**-21a; library **14**-5a; map **16**-988.
— Hall: *see* Newnham Coll. (Eng.).
Mertvuiya Dushi (nov., Gogol): see *Dead Souls*.
Mertz, Alfred **10**-145a.
Mertzon, Tex. [**24**-122 D4].
Meru, Fr. [**24**-24 H2].
MERU, U.S.S.R.: *see* Merv.
—, Mt., Tanganyika Terr., Af. [**24**-83 G3]; **21**-781d.
— (reserve, C. Af.) **10**-6b.
Merulius lachryman (fungus) **9**-926c; **7**-693c fol.; *see also* Dry rot.
Meru-Masai (tribe) il. **15**-8.
Merumé, mts., Brit. Gui. **10**-957b.
Meruti Gudda, mt., India **13**-237a.
Meruvardhanasvāmin (temple, India) Pl. V. fig. 2 **12**-INDIAN ARCHITECTURE.
Merv, Pers. **17**-550a; **20**-308c.
MERVE (MERU, MAUR), U.S.S.R. [**24**-3 P3]; **15**-285c.
Mervan (Kurdish family) **13**-521b.
Mervana, Turk. [**24**-59 K4].
Mervdasht, plain, Pers. **20**-563c.
Merve, oasis, U.S.S.R. **15**-285c; **22**-622b.
Merveille, La (monastery, Fr.): *see* La Merveille.
Merville, Fr. [**24**-25 H1].
Merwāhā (Indian) **4**-981b.
Merwān (b. Hakam) I. (caliph) **8**-79a.
— II. (caliph) **8**-79a; **11**-709c.
— II. (Moham. ruler) **1**-12a.
— I. (of Pers.) **17**-586b.
— II. (of Pers.) reign of **17**-586c.
Merwara, dist., India **1**-482b.
Merwede, riv., Holl. **19**-330d.
Merwich (Frankish king) **5**-467c; **15**-283c.
Merwin, Mo. [**24**-140 C3].
—, Pa. [**24**-106 B3].
MERX, ADALBERT **15**-286b.
Merxplas, Belg. **22**-628d.
Méry, J. P., A. (Fr. poet) **3**-151c.
Merychippus (zool.) **8**-671d.
Merycodus (fossil) **17**-430c.
Merycopotamus (palaeon.) **22**-701d.
MERYON, CHARLES **15**-286b; **8**-748a.
Méry sur Seine, Fr. [**24**-25 J3].
Meryula, N.S.W. [**24**-171 H3].
Merz, V. (chem.) **1**-815c.
Merzifun, Asia M.: *see* Marsivan.
Merzig, Sarre, Ger. [**24**-38 B4].
Merzwiese, Ger. [**24**-39 K1].
Mesa, co., Col. [**24**-147 B2]; **10**-634d.
—, Ark. [**24**-120 D3].
—, Col. [**24**-147 B2].
—, Ida. [**24**-145 B5].
—, Wash. [**24**-150 F4].
MESA (geol.) **15**-287a.
Mesaba, Minn. [**24**-134 F4].
Mesabi, mts., Minn. **15**-559c; **15**-563b.
Mesacanthus (zool.) **7**-288b.
— peachi (zool.) **7**-290.
Mesa de Ocaña, Sp. **4**-990a.
Mesagne, It. [**24**-35 F4].
Mesambria, colony, Thrace **22**-159c.
Mesaoria, plain, Cyprus **6**-931b fol.
Mesará, Bay of, Crete **6**-676c.
Mesarai, mt., Sum. **12**-875b.
Mesas, Serra de las, Port. [**24**-32 C2].
MESATICEPHALIC (MESOcephalic) (anthro.) **15**-287a.
Mesatis, Gr. **17**-382a.
Mesa Verde House Pl. fig. 3 **5**-CLIFF DWELLINGS.
Mesa Verde Natl. Pk., Colo. [**24**-188 E3]; **5**-810d; **16**-155a.
Mesaville, Calif. [**24**-155 F5].
Mesavouno, Gr. **19**-982b.
Mescal, Ariz. [**24**-149 E7].
— (drink) **1**-343b.
Mescala, riv., Mex.: *see* Balsas.
Mescalero Apache (N. Am. Ind. tribe) **16**-320c; **2**-91c.
— Apache Indian Reserve, N. Mex. [**24**-148 D5].
—, N.Mex. [**24**-148 D5].
— Ridge, N.Mex. [**24**-148 F6].
— Valley, N.Mex. [**24**-148 F5].
Mescherski Gorodets: *see* Kasimov, U.S.S.R.
Meschines, William de (Eng.) **3**-828d; **8**-32d fol.
Meschino, Switz. [**24**-31 J4].
MESDAG, HENDRIK W. **15**-287a.
Mesé (street, Constantinople) **6**-306a.
Meşék (fables, Fáy) **9**-125d.
MESEMBRIA, Bulg. **15**-287a.
Mesencephalon (anat.) **4**-9d fol.; **4**-15a; embryol. **23**-100c; (anat.) embryo fig. 2 **16**-770; Rom. Emp. map **19**-501 (H3).
Mesembrija, Bulg. [**24**-53 D4].
Mesembriomys (zool.) **19**-374b.
Mesembryanthemum aequilaterale (bot.): *see* Sea fig.
— cordifolium (bot.) **12**-56b.
— crystallinum (bot.): *see* Ice-plant.
— edule (bot.): *see* Hottentot fig.
— nodiflorum (bot.): *see* Figmarigold.
Mesenchyme (embryol.) **23**-100b; invertebrates **12**-556b; skeleton **20**-739c; skull **20**-760c fol.
— cell (embryol.) **8**-389b; **15**-989a.
Mesene (anc. king.) **17**-577b.
Mesenterial filament **2**-31c.
Mesenteric arteries (anat.) **2**-452c; circulation fig. 2 **22**-998.
— glands (anat.) **14**-523b.
— T. B. of: *see* Tabes mesenterica.
— nerve, inferior (anat.) **7**-382a.
— plexus (anat.) **16**-240c.
— veins (anat.) **23**-30a.
Mesenterics (zool.) **2**-31c; coelom **5**-970a; embryol. **23**-100a.
Meseritz, Ger. [**24**-39 L1].
Meseta, region, Sp. **21**-110b.
Mesethmoid bone (anat.) ossification **20**-761a; skull fig. 34 **20**-745; fig. 5 **20**-760.
— cartilage (anat.) **20**-760d.
Mesezem, Lib. Des., Af. [**24**-78 F2].
Mesh (net) **16**-246d.
Mesha (Moab k.) **1**-679d; **15**-625d.
— (Hindu chron.) **4**-577c.
—, stele of **5**-804a; **1**-679d.
Mēshādi (chron.) **5**-658b.
Meshanticut, R.I. [**24**-100 C2].
Mēsha-saṁkrānti (chron.) **5**-657a fol.
Meshchers (people): *see* Meshcheryaks.
Meshchersk, U.S.S.R.: *see* Meshchovsk.
MESHCHERYAKS (people) **15**-287b.
Meshchovsk, U.S.S.R [**24**-49 E4]; **15**-287b.
Meshech (tribe): *see* Moschi.
Meshed, Arab. [**24**-79 D2].
MESHED, Pers. [**24**-63 D1]; **15**-287b; **13**-367a; rainfall **17**-550a; trade **17**-562a.
— Ali (mosque, Kufa) **1**-625a.
— (carpet) **19**-624c.
Meshed-i-Sar, dist., Pers. **15**-128b.
—, Pers. **17**-562a.
Meshia, oasis, N.Af. **22**-482a.
Meshoppen, Pa. [**24**-107 E2].
Mesh-pin: *see* Spool (for netmaking).
Meshra'er Req., A.-E. Sud., Af. [**24**-79 B6]; **2**-932d.
MESHREBIYA (Arab. arch.) **15**-287d.
Mesh-trap described **22**-433b.
Mesial fillet (anat.) fig. 6 **4**-12.
Mesic, N.C. [**24**-112 J2].
Mesick, Mich. [**24**-131 F5].
Mesihī (Turk. poet) **22**-619d.
Me-silim (k. of Kis) **2**-855d.
Mesilla, N.Mex. [**24**-148 C6]; **13**-732a.
— Park, N.Mex. [**24**-148 C6]; **13**-733a.
Mesinge, Den. [**24**-46 C3].
Mesita, Col. [**24**-147 E4].
Mesitylene (chem.) **5**-375a.
Meslay, Fr. [**24**-24 E4].
Mesmer, Franz A.: *see* Mesmer, Friedrich A.
MESMER, FRIEDRICH ANton (Aus. physic.) **15**-287d; hypnotism **12**-23a.
Mesmerism (hypnotism) **12**-23b; **15**-287d.
MESNE (law) **15**-288a.
— boroughs (govt.) **3**-921c; *see also* Medial borough.
— lord (law) **15**-288a.
— process (law) **2**-430d.
— profits (Eng. law) **8**-116a.
Mesne-town **6**-131a.
Mesnevi (Jalāl-uddīn): see *Mathnawi*.
Mesocco, val., Switz. [**24**-31 G4].
MESOCEPHALIC (anthro.): *see* Mesaticephalic; *see also* **18**-865d.
Mesocranium (anat.): *see* Chondro-cranium.
Mesoctenus (zool.) **12**-402b.
— nigriseta (mammal) **12**-402b.
— rovumae (mammal) **12**-402b.
Meso-cuneiform bone (anat.) **20**-739b.
Mesoderm (biol.) **20**-752d; embryol. **15**-989a; **23**-100a; embryo il. **20**-734; plants **18**-0c; segmentation **12**-412d.
Mesodermic somites (anat.) **20**-734c.
Mesoderm segment (embryol.) **23**-100a.
Mesogastropoda (zool.) **10**-59c.
Mesogloea (zool.) **5**-965d.
Mesoglosa (zool.) **23**-977d.
Mesogoea, plain, Gr. **2**-660d.
Mesohippus (zool.) **8**-671d.
Mesolcina, Val., Switz. [**24**-31 G4].
Mesolite (min.) **23**-946b.
MESOLITHIC: *see* Archaeology: *Iron Age*.
— period (archae.) **2**-242a.
MESOLONGHI, Gr.: *see* Missolonghi.
MESOMEDES (Gr. poet) **15**-288a.
Mesomyodi (zool.) **17**-355a.
Mesonacidae (zool.) **4**-646a.
Mesonephros (embryol.) **19**-178c; urinary **22**-898c; vertebrate **23**-103a.
MESONERO ROMANOS, RAmón de **15**-288a.
Mesonychidae (zool.) **6**-668a.
Mesonychoteuthis Hamiltoni (zool.) fig. 8 **5**-151.
Mesophyll (bot.) **18**-8a.
Mesoplastic tumours (med.) varieties **22**-545a.
Mesoplodon bidens (mammal): *see* Sowerby's whale.
— layardi (mammal) **5**-171d.
— mirus (mammal) **5**-171d.
— pacificus (mammal) **5**-171d.
MESOPOTAMIA, country, Asia [**24**-56 C5]; **15**-288a; Arab village Pl. I. fig. 1 **2**-ARABIA; archae. **3**-252b; **12**-211d fol.; **2**-233a; **12**-394d; arch. **7**-532c; **23**-525a; art **10**-97b; communications **22**-597b; forestry **9**-502c; irrigation **23**-608a; **8**-817d; Manichaeism **14**-803b; med., anc. **15**-198a; physiography **2**-514b.
—: *History:* and Egypt. **8**-83d; Assyrian influence **15**-296a; caliphate **4**-604b; Grecian empire **15**-296c; Hellenism **11**-406b; Hittites **15**-295b; Rom. Emp. map **19**-501 (L4, 5); Sassanian period **15**-297c.
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Middle Scots **20**-184a fol.
MIDDLESEX, LIONEL Cranfield, 1st earl of **15**-451a.
—, co., Conn. [**24**-101 C2]; **15**-453b.
MIDDLESEX, co., Eng. [**24**-15 C4]; **15**-451a; **6**-693c.
—, co., Mass. [**24**-99 C1]; **4**-649d; **14**-443d.
—, co., N.J. [**24**-104 A5, 6].
—, co., Ont., Can. [**24**-90 B3].
—, co., Va. [**24**-110 H3].
—, N.Y. [**24**-102 C3].
—, Pa. [**24**-107 D3].
—, Vt. [**24**-97 B2].
— canal **15**-171a.
— Fells (reservation, Mass.) **14**-724b.
— Tournament, Eng. Pl. IV. fig. 4 **9**-FOOTBALL.
Middle Shires, dists., Gt. Brit.: *see* Border, The.
Middlesworth, Ill. [**24**-129 D4].
Middle Temple, inn, Lond. **14**-352c.
— Temple (law Society, Eng.) **12**-376a.
— Tennessee Teachers College **21**-934a.
— term (logic **14**-310d.
— Togo group (Af. lang.) **1**-333a.
MIDDLETON, EARLS OF (Eng. fam.) **15**-451d.
— (Can. gen.) **4**-709a.
—, Sir Charles, bart. **15**-452a.
—, Sir Charles (Brit. nav.) **16**-168c.
—, **ARTHUR** **15**-452a.
—, Sir Charles (Eng. navig.) Arctic **2**-292d.
—, **CONYERS** **15**-452b.
Middleton, Henry **15**-452a.
—, **SIR HUGH**: *see* Myddleton.
—, **THOMAS** **15**-452c; **7**-600d fol.
—, E.Riding, Eng. [**24**-13 D4].
—, Dur., Eng. [**24**-13 B3].
MIDDLETON, Lancs., Eng. [**24**-16 D1; **24**-10 D3]; **15**-453b.
—, Ariz. [**24**-149 C4].
—, Ill. [**24**-129 D5].
—, Mich. [**24**-131 G6].
—, Miss. [**24**-119 D3].
—, Tenn. [**24**-117 C2].
—, isl., Alsk. [**24**-156 L7].
— riv., Nig., Af. [**24**-80 F5].
— Cheney, Eng. [**24**-15 B3].
— in Teesdale, Eng. [**24**-13 B3].
— One Row, Eng. [**24**-13 C3].
— series (geol.) **16**-873.
Middle Tower (Lond.) **22**-331d.
Middletown, dist., Wales **15**-767b.
MIDDLETOWN, Conn. [**24**-101 C1]; **15**-453b; winter scene Pl. fig. 4 **6**-CONNECTICUT.
—, Del. [**24**-109 D1].
—, Ida. [**24**-145 B6].
—, Ill. [**24**-128 C4].
—, Ind. [**24**-126 C2].
—, Md. [**24**-108 B1].
—, Mo. [**24**-141 F3].
—, N.C. [**24**-112 J2].
—, N.J. (Cumberland co.) [**24**-105 B3]; **16**-311b.
—, N.J. (Monmouth co.) [**24**-105 B2].
MIDDLETOWN, N.Y. [**24**-102 F4]; **15**-453c.
MIDDLETOWN, O. [**24**-125 A4]; **15**-453c.
MIDDLETOWN, Pa. [**24**-107 E3]; **15**-453d.
— R.I. [**24**-100 C3].
—, Va. [**24**-110 F1].
—, Wales [**24**-16 C2].
—, val., Md. **15**-2b.
— Springs, Vt. [**24**-97 A3].
Middle Tunguska riv., Asia [**24**-181 H2].
Middle Urals, mts., **U.S.S.R.** **22**-887a.
— Valley, N.J. [**24**-105 B2].
Middleville, Mich. [**24**-131 F7].
—, N.J. [**24**-105 B1].
—, N.Y. [**24**-103 F2].
Middle Water, Tex. [**24**-122 C2].
MIDDLE WEST, THE (area, U.S.) **15**-453d.
Middle white pig **17**-919d.
MIDDLEWICH, Ches., Eng. [**24**-10 D3; **24**-16 D1]; **15**-456b; **5**-424a.
MIDDLINGS (wheat product) **15**-456b.
Middle River, tn. and riv., Minn. [**24**-134 B3].
Mideia, anc. Gr. **17**-546b.
Midéwiwin (N. Am. Ind. secret society) **4**-703d.
Midfjördr, fjord, Ice. map **12**-43c.
Midford, Eng. [**24**-17 D3].
Midgan (Af. race) **20**-966b.
Midgardsormr (myth.) **21**-989b.
Midge (insect) **7**-412c.
Midget, Memoirs of a (nov., De la Mare) **7**-148d.
Midhat (gov.) **7**-862d.
MIDHAT PASHA (Turk) **15**-456c; tribal problems **15**-299b.
Midhe, anc. dist., Ire.: *see* Meath.
MIDHURST, Sus., Eng. [**24**-15 C5]; **15**-456d.
Midi, Le (symphony, Haydn) **11**-286b.
Midi, canal, Fr. **4**-720a.
—, Dent du, mt., Switz. [**24**-30 B4; **24**-186 b3].
— (Fr. ry.) **18**-929b fol.
Midia, Turk. [**24**-58 B2].
MIDIAN (Arab. people) **15**-456d.
—, dist., Arab. [**24**-79 D2]; **2**-169a.
—, Arab. [**24**-62 B2]; **2**-170c.
Midianites (tribe) **10**-339a.
Midiat, Turk. [**24**-59 J4].
Midi de Bagnères, mt., Fr. [**24**-26 D5].
— d'Ossau, mt., Fr.: *see* Ossau, mt., Fr.
Midillu, I., Gr.: *see* Mytilene.
Midiron (golf) **10**-504b.
Midkiff, W.Va. [**24**-111 A3].
Midlake, Calif. [**24**-154 B3].
—, Utah [**24**-152 B1].
Midland, co., Tex. [**24**-122 D4].
—, Ark. [**24**-120 A2].
—, Ga. [**24**-114 B4].
—, Ind. [**24**-127 A3].
—, Ky. [**24**-116 C3].
—, La. [**24**-121 B3].
—, Md. [**24**-108 A1].
MIDLAND, Mich. [**24**-131 G6]; **15**-457a.
—, N.C. [**24**-112 E2].
—, O. [**24**-125 B4].
—, Ont., Can. [**24**-90 C2].
—, Oreg. [**24**-151 D5].
MIDLAND, Pa. **15**-457a.
—, Va. [**24**-110 G2].
— Aero Club (Eng.) **2**-810b.
— bank (Ire.) **12**-635b.
— **BANK LIMITED** (Brit.) **15**-457a; **3**-70a.
— Baptist College (Notts. Eng.) **3**-88a.
— Beach, N.Y. [**24**-104 B6]; **21**-338a.
— City, Ala. [**24**-118 D4].
— City, Ill. [**24**-128 C3].
— College (Neb.) **9**-754d.
— Gap, Brit. Isl. [**24**-177 E4].
— Institute, Birmingham, Eng. **3**-643d.
— Park, S.C. [**24**-113 D4].
— Plain, Brit. Isl. [**24**-177 F4].
Midland Psalter **3**-530b.
Midland Ry. Co., Eng. **6**-366a.
Midlands, region, Eng. **8**-456d.
Mid-Lent (period of fasting) **13**-923c.
MIDLETON, WILLIAM ST. J. F. Brodrick, 1st earl of **15**-457c.
MIDLETON (Middleton), Ire. [**24**-21 C5]; **15**-457d.
MIDLOTHIAN (**EDINburghshire**), co., Scot. [**24**-19 E6]; **15**-457d; resources **10**-701b fol.; *see also* Edinburgshire, co., Scot.
—, Tex. [**24**-123 F3].
Mid-mashie (golf) **10**-504b.
Midnapore, dist., India **15**-458b.
MIDNAPORE, India [**24**-64 G4]; **15**-458b.
Midnight, Mary (pseud.): *see* Smart, Christopher.
—, Miss. [**24**-119 B2].
Midnight Court (poem, Meidhre) **12**-644b.
MIDNIGHT SUN **22**-638a; **16**-547b.
Mid-ordinate **15**-254b.
Midouze, riv., Fr. [**24**-26 C4]; **13**-647c.
Mid-Pacific Institute (Haw.) **11**-270d.
Mid-Pacific Magazine, The (period.) **17**-188c.
Mid-Poupart lines (anat.) **1**-882c.
MIDRASH (exposition) **15**-458c.
— (Heb. lit.) **11**-71b.
— (work) **11**-357d fol.
Midrash hag-Gadol **(Heb. texts)** **15**-459c.

Midrāshim (Heb. work) **21**-769c.
Midrash Rabba (Heb. texts) **15**-459c.
Midrib (bot.) **18**-6c.
Midriff (anat.): *see* Diaphragm.
Mid-season crop (potato) **18**-827b.
MIDSHIPMAN **15**-459d.
Midshipman's hitch (knot) fig. J **13**-445.
MIDSOMER, NORTON, Som., Eng. [**24**-17 D3]; **15**-460d.
Midsummer Day, Old (festival) **13**-628b fol.
Midsummer Night's Dream (Mendelssohn) **18**-564d.
Midsummer Night's Dream, A (Shakespeare) **20**-441a; Reinhardt's **6**-516d; costume Pls. V., VI. **6**-COSTUME DESIGN; title page Pl. II. fig. 1 **3**-BOOKS.
Midullu, isl., Aeg. S.: *see* Mytilene isl., Lesbos.
Midvale, Ida. [**24**-145 B5].
—, N.J. [**24**-105 B1].
—, O. [**24**-124 D3].
—, Utah [**24**-152 C2].
Midview, Utah [**24**-152 D2].
Midville, Ga. [**24**-114 D4].
Mid-water fishing **1**-936a fol.
Midway, Ala. [**24**-118 D3].
—, Ariz. [**24**-149 C6; **24**-149 F7].
—, Ark. [**24**-120 D4].
—, Colo. [**24**-147 D3].
—, Del. [**24**-109 D2].
—, Kan. [**24**-142 D3].
—, Ky. [**24**-116 F2].
—, N.D. [**24**-136 A3].
—, O. [**24**-125 A4].
—, Okla. [**24**-143 D3].
—, Pa. [**24**-106 A3].
—, S.C. [**24**-113 D3].
—, Tenn. [**24**-117 H1].
—, Utah [**24**-152 C2].
—, Wis. [**24**-133 B6].
— I., Pac.O. [**24**-2 C3; **24**-174 E4]; **11**-264c.
Midwayan **8**-634c.
Midway Plaisance **5**-450c.
Midwell, Okla. [**24**-143 A2].
Midwest, Wyo. [**24**-146 F2].
MIDWIFERY: *see* Obstetrics.
MIDWIFE-TOAD: *see* Alytes; *see also* **1**-723a; **8**-27b.
Midwoud, N.Y.: *see* Flatbush.
Midzor, mt., Bulg. [**24**-53 B4].
Mie, Jap. [**24**-74 K6].
— (phys.) **8**-248c.
Miecislas (comm.) **15**-707b.
Mieczyslaw: *see* Mieszko I. (Pol.).
Miedzyrzec, Pol. [**24**-40 F2].
M.I.E.E. (abbrev.) **1**-25a.
Miehle, R. **18**-501c.
Miélan, Fr. [**24**-26 D4].
Mielnik, Pol. [**24**-40 F2].
Mien, China [**24**-68 G5; **24**-69 H5].
Mienning, China [**24**-68 G7].
Mien-yang, China [**24**-70 B3].
Mie prigioni, Le (drama) **12**-746c.
Mier, Ind. [**24**-126 C2].
—, Tamaulipas, Mex. [**24**-158 E2].
Mieremiere, N.Rhod., Af. [**24**-83 E5].
MIERES, Sp. **15**-461a.
MIEREVELT, M. J. VAN **15**-461a; **7**-161a.
MIERIS, F. VAN **15**-461b.
Miers, H. A. **6**-823a; **11**-315c.
Mieses (chess player) **5**-433a.
Mieste, Ger. [**24**-39 G1].
Mieszko I. (Pol.) **18**-134b.
Miethe, Adolf **22**-412d.
Miette, Alta., Can. [**24**-91 B3].
Mieussy, Fr. [**24**-27 K1].
Mi Fei (paint.) **5**-578a.
MIFFLIN, THOMAS **15**-461c; **23**-384d.
—, co., Pa. [**24**-107 D3].
—, O. [**24**-124 C3].
—, Pa. [**24**-106 B3].
—, Tex. [**24**-123 F6].
—, Wis. [**24**-133 C7].
Mifflinburg, Pa. [**24**-107 D3].
Mifflintown, Pa. [**24**-107 D3].
Mifflinville, Pa. [**24**-107 E2].
Migdal-Schechem **20**-473b.
Might and Right Well Met (Goodwin) **10**-519d.
Miglio (measure) **15**-140d.
Miglioli (socialist) **12**-822a.
Migliorati, Cosimo del: *see* Innocent VII.
Migliorati Ludovico del **12**-872a.
Mignaloux, Fr. [**24**-24 F5].
MIGNARD, PIERRE **15**-461c; **Le Brun** **17**-49a.
MIGNE, JACQUES P. **15**-461d.
MIGNET, FRANCOIS A. A. **15**-462a.
MIGNON, ABRAHAM **15**-462b; **9**-420a.
—: *see* Minion.
—, riv., Fr. **7**-281d.
MIGNONETTE **15**-462b.
MIGNONS, LES **15**-462d.
MIGRAINE **15**-462d.
MIGRATION (ethnol.) **15**-462d fol.; **2**-43a; **10**-780c; **17**-19a; **18**-235b fol.; **1**-98d.
— **OF ANIMALS** **15**-473c; **7**-440c; **7**-923c; **17**-111d; **19**-172d; birds **3**-635a fol.; **16**-926a fol.; fish **9**-302b; elec. **3**-318a; **3**-237c.
Migratory Bird Treaty **3**-599b; **16**-918b; Act (1918) **10**-3b; Act (1923) **4**-694c.
— labour: *see* Casual labour.
Miguel, Dom **8**-933d.
—, **MARIA E.** (prince) **15**-474d; **18**-281b fol.
Miguelite Wars **18**-281d.
MIHALACHE, ION **15**-475a; **19**-639d.
Mihara, Jap. [**24**-74 H6].
—, mt., Jap. [**12**-895c.
Mihara-yama, volc., Jap. **12**-848b.
Miharu, Jap. [**24**-75 M5].
Mihiragula (ruler) **12**-187c.
Mihla, Ger. [**24**-38 F2].
MIHRAB **15**-475b.
Mihranis **13**-521a.
Mihri-Mah Kussem **22**-603c.
Mihro: *see* Mithras.
Mijaras, riv., Sp. [**24**-33 F2]; **4**-987d.
Mijas, Sierra de (mts.), Sp. [**24**-32 D4].
Mijertins **20**-966a.
Mijle **15**-140d.
Mikado, Mich. [**24**-131 H5].
MIKADO (title) **15**-475b.
Mikado, The (Gilbert and Sullivan) **10**-345c; **21**-537b.
Mikado oranges **7**-804d.
Mikale, Aby., Af. [**24**-79 D5].
Mikana, Wis. [**24**-132 B4].
Mikania amara pl. équinox **10**-926a.
Mikar, Wadi (riv.), Arab. [**24**-62 D4].
Mike: *see* Microphone.
Mikeno, mt., Af. **15**-404a.
Mikerê **8**-71a.
Mikes, Clément **11**-893d.
Mikhailov, P.: *see* Peter I. (Russ.).
Mikhaylevsky, N. G.: *see* Garin, N.
Mikhaylovsky, N. **19**-754b.
Mikhôl (Moses ben Isaac) **11**-361a.
Mikimoto, K. **17**-423a.
Mikindani, Tanganyika Terr., Af. [**24**-83 H5].
MIKIR **15**-475b; **19**-87a.
Mikkalo, Oreg. [**24**-151 E2].
Mikkeli, dept., Fin. [**24**-48 C2]; **13**-518c.
MIKKELSEN, E. **15**-475b; **10**-857d fol.; map **2**-295 (12).
—, H. (pseud.): *see* Holberg, L. H.
—, Hans (minis.) **7**-210d.
Mikkelson, N.D. [**24**-136 A2].
Mikkwa R., Alta., Can. [**24**-91 C2].
MIKLOŠICH, FRANZ VON **15**-475c.
Miknassa **15**-261a.
Mikolajów, Pol. [**24**-41 F4].
Mikołów, Pol. [**24**-40 D3].
Mikoshi **23**-716c.
Mikoyan-Shakhar **13**-275a.
Mikra Dili, isl., Aeg.S.: *see* Delos.
— Kaümene, isl., Gr.: *see* Kaümene.
MIKROASBEST: *see* Microasbestos.
Mikrokosmos **14**-406c.
Mikszáth, K. **11**-896a.
MIKULOV, Czech. [**24**-50 E2; **24**-40 C4]; **15**-475c.
Mikuni, Jap. [**24**-74 K5].
Mikura Shima (I.), Jap. [**24**-75 L7].
Mikweh Israel **17**-136b.
Mil. (abbrev.) **1**-25a.
Mil, Holl. [**24**-28 D3].
Mil (measure) **15**-140d.
Milaca, Minn. [**24**-135 E6].
Milagres, Braz. [**24**-164 C2; **24**-163 E4].
Milagros, De los, Merida, Sp. fig. G. **2**-160.
Milam, co., Tex. [**24**-123 F4].
—, W.Va. [**24**-111 D3].
Milambe, est., Af. **23**-932d.
Milan, Filipo M. Visconti, duke **1**-686c; **4**-885b; **12**-795d.
—, Colo. [**24**-147 G3].
—, Ill. [**24**-128 B2].
—, Ind. [**24**-127 C3].
MILAN, It. [**24**-8 H4; **24**-34 B2]; **15**-475c; **12**-761a fol.; **13**-935c; Campanili **4**-676a; cathedral **21**-295a; Pl. XV. fig. 6 **2**-ARCHITECTURE; air lines map **1**-463; Florence **9**-391c; food prices **6**-504b fol.; Fr. Rev. **9**-826d fol.; **9**-818d; Louis XII. **9**-620c; rev. of 1848 **12**-749d; silks **14**-344a; terra-cotta **21**-958a; Visconti **12**-795c fol.; **23**-193a.
—, Mich. [**24**-131 H7].
—, Minn. [**24**-135 C6].
—, Mo. [**24**-140 D1].
—, N.H. [**24**-97 C2].
—, O. [**24**-124 C2].
—, Pa. [**24**-107 E2].
—, Tenn. [**24**-117 C2].
—, Wash. [**24**-150 H3].
—, Wis. [**24**-132 C5].
—, edict **6**-298c.
—, Synod **2**-598c.
— **DECREE** **15**-478b; **6**-331d; **16**-115d fol.; **22**-796d.
Milanese liturgy: *see* Ambrosian.
— loom **11**-788d.
— mandoline **14**-794d.
— texture **11**-788d.
MILANESI, GAETANO **15**-478c.
Milang, S.Aus. [**24**-170 D5].
Milanja, dist., Mad. [**24**-83 H6].
Milan Obrenović II. (prince) World War **15**-409b.
Milano, Caradosso da **19**-163b.
—, It.: *see* Milan.
—, Tex. [**24**-123 F4].
MILAN OBRENOVIC IV. (Serb.) **15**-478c; **20**-344c; **20**-354d.
Milanos **18**-766b.
Milanville, Pa. [**24**-107 F2].
Milas, Turk. [**24**-58 B4].
Milata, Crete [**24**-54 D5].
MILA Y FONTANALS, M. **15**-478d.
MILAZZO, Sic., It. [**24**-35 E5]; **15**-478d; (battles) **12**-805b; **16**-84b.
Milbank, B.C., Can. **3**-376d.
—, S.Dak. [**24**-137 H1].
—, sd., B.C., Can. [**24**-92 C4].
— Memorial Fund **17**-712c.
Milberger, Kan. [**24**-142 D2].
Milbert's tortoise-shell Pl. II. fig. 9 **13**-LEPIDOPTERA.
Milborne, J. **13**-896c.
Milburg, Mich. [**24**-131 E7].
Milburn, Me.: *see* Skowhegan.
—, Neb. [**24**-139 E3].
—, N.J. [**24**-105 B2].
—, Tex. [**24**-123 E2].
Milch ewes **20**-477b.
Milciades: *see* Melchiades
Milcom: *see* Melek.
Milcov, riv., Rum. **9**-436a.
Milde, riv., Ger. [**24**-39 G1].
Mildenau, Ger.: *see* Eilenburg.
MILDENHALL, Suff., Eng. [**24**-14 D3]; **15**-479a.
MILDEW **15**-479a; **9**-932b; **11**-778d; **13**-851c.
Mildmay, Ont., Can. [**24**-90 B2].
"Mildmay's Case" **18**-437b.
Mildner, J. J. **10**-403c.
Mildred, Col. [**24**-147 H2].
—, Fla. [**24**-115 H4].
—, Minn. [**24**-134 D5].
—, Mont. [**24**-144 F2].
—, Pa. [**24**-107 E2].
Mildred R. Wimpfheimer School **23**-2b.
Mild steel **12**-658b; **20**-535b; **21**-478d.
Mildura, Vict., Austr. [**24**-170 E5]; **23**-133a fol.
— (measure) **15**-140d.
Mile, Alsk. [**24**-156 M6].
— castles **11**-67a.
— End, Eng. [**24**-14 D4].
— End, Que., Can. [**24**-89 B3].
— House, B.C., Can. [**24**-92 E4].
Milenki, U.S.S.R. [**24**-48 F3].
Miles (Rom. sol.) **21**-742c.
Miles, D. (col.) **11**-214d.
—, E. H. (sports.) **18**-873b fol.; **13**-792a.
— Frederick S. (mer.) **2**-887d.
—, J. C. (Canadian athlete) **14**-858d.
—, **NELSON, A.** **15**-479a; **10**-828c; **18**-265a; **10**-312c.
—, S. B. (explor.) **2**-170b.
—, Ia. [**24**-138 G2].
—, N.C. [**24**-112 D1].
—, Okla. [**24**-143 H2].
—, Queens., Austr. [**24**-169 D4].
—, Tex. [**24**-122 D4].
—, Wash. [**24**-150 G8].
—, Wis. [**24**-132 F4].
Milesand, N.Mex. [**24**-148 F5].
Milesburg, Pa. [**24**-106 D3].
MILES CITY, Mont. [**24**-144 F2] **15**-479b.
Milescu, S. **19**-654d.
Miles Gloriosus **18**-67a.
Milesbty, Rum. [**24**-53 E2].
Milesian **12**-642c.
"Milesian" (race-horse) **11**-769d.
Milesian Tales **2**-345c; **20**-5c.
Miles Pond, Vt., [**24**-97 C2].
Mileston, Miss. [**24**-119 B2].
Milestone, Sask., Can. [**24**-91 E4].
Milestown, Md. [**24**-109 C2].
Milesville, S. Dak. [**24**-137 C2].
Miletin, Czech. [**24**-39 L3].
Miletopolis, lake, Asia M.: *see* Maniyas.
MILETUS, Asia M. **15**-479c; archae. **2**-539b; art **10**-813d; Cyrus **5**-592d; Persian wars **10**-769a; siege **10**-591d.
—, Ill. [**24**-129 D5].
— alphabet fig. 3 **1**-680.
Milevsko, Czech. [**24**-39 K4; **24**-50 D2].
Miley, S.C. [**24**-113 C4].
Milfay, Okla. [**24**-143 G3].
Milfield, Eng. [**24**-12 B2].
Milfoil: *see* Yarrow.
MILFORD, Conn. [**24**-101 B2]; **15**-480a
—, Del. [**24**-109 D2].
—, Eng. [**24**-10 E3; **24**-15 C4].
—, Ga. [**24**-114 B5].
—, Ia. [**24**-138 B1].
—, Ill. [**24**-128 E3].
—, Ind. [**24**-126 C1].
—, Ire. [**24**-20 D1].
—, Kan. [**24**-142 F2].
—, Ky. [**24**-116 F2].
—, Me. [**24**-96 D4].
MILFORD, Mass. [**24**-99 C1]; **15**-480b.
—, Mich. [**24**-131 H7].
—, Mo. [**24**-140 C4].
—, Neb. [**24**-139 G4].
—, N.H. [**24**-97 C4].
—, N.J. [**24**-105 A2].
—, N.Y. [**24**-103 F3].
—, O. [**24**-125 A4].
—, Pa. [**24**-107 G2].
—, Utah [**24**-152 A4].
—, Va. [**24**-110 G3].
—, Wales [**24**-11 B5].
—, Wis. [**24**-133 E6].
—, sd., N.Z. [**24**-173 A6].
— Center, O. [**24**-124 B3].
MILFORD HAVEN, LOUIS A. 1st marquess **15**-480b. **3**-213c.
— **HAVEN,** Pembroke, Wales [**24**-17 A3]; **15**-480c; **9**-208e.
— Haven, harbour [**24**-11 A5].
Milfordville, N.Y.: *see* Oneonta.
Milha, R el, hld., Egy., Af. [**24**-79 B1].
Milha (measure) **15**-140d.
Milhamoth 'Adonai **10**-315a.
MILHAUD, D. (comp.) **15**-480c.
—, E. J. B. (gen.) **23**-419b fol.
Milia, prov., It. [**24**-34 C2].
Miliana, Alg. [**24**-78 E1].
Miliarense **16**-624a.
Miliary fever **21**-635a.
— tubercle **22**-530d.
MILICZ **15**-480d.
Milieu, riv., Que., Can. [**24**-89 A2].
Miligans, S.C. [**24**-113 D3].
Milin, G. **4**-97b.
—, Czech. [**24**-39 K4].
Milinda: *see* Menander.
Milinda Pañho **15**-238a fol.
Miling, W.Aust. [**24**-168 B5].
Miliola **8**-631d.
Miliolina **18**-633a.
Milis, Sard. **16**-905c.
Milit. (abbrev.) **1**-25a.
Militant Communism **19**-787a.
Militar Cerig, Wales [**24**-16 C2].
Militärgrenze, div.: *see* Military Frontier.
Militarism **11**-629b; **23**-349c fol.; **19**-702d.
Military academies **21**-275b.
— **ACADEMY, ROYAL:** *see* Woolwich.
— Art **20**-685c.
— balloons: *see* Balloons, War.
— blockade **3**-738d.
— Board of Allied Supply **7**-90a.
— Bridging: *see* Bridging, Mil.
— **COLLEGE, ROYAL:** *see* Sandhurst.
— colours: *see* Colours, Mil.
Military Company of Mass.: *see* Ancient and Honourable Artillery.
— Cross **16**-639c.
— documents **12**-399d.
— engineers: *see* Engineers, military.
— espionage **8**-713c.
— explosives **8**-992a.
— **FRONTIER,** div., Aus. **15**-480d.
— Intelligence: *see* Intelligence, military.
— **LAW** **15**-481b fol.; **1**-169d fol.; **13**-170a.
— medicine **18**-499a.
— Merit, Order of (Fr.) **13**-437c; **13**-440b.
— Massage Service **23**-708d.
— Plaza **19**-928b.
— preparatory school (Jap.): *see* Yōnen Gakkō.
— **RAILWAYS:** *see* Light Railways, Military.
— salvage **19**-907a.
— **SCIENCE, ARTICLES** **15**-483b.
— scientific societies: *see* Naval and military scientific societies.
— service **2**-406d; **2**-723a; **12**-784d; **15**-484b fol.
— Service Acts **6**-282b; **15**-215d; **23**-763a; **12**-614b.
— ski-ing **20**-749b.
— Star of King Fuad, Order of (Egy.) **13**-437a.
— tactics **17**-567b; **21**-674a; **7**-305c; **17**-472a.
— Tenures Act (1662, Eng.) **23**-606c.
— training (Boy Scouts) **3**-995c.
— transport **15**-912c.
— tribune **19**-478b.
— viceroy: *see* Lieut.-gen.
MILITIA **15**-483c; **23**-252b; **15**-485b; **9**-770d.
— Acts **4**-696b fol.
— Aurata: *see* Golden Spur.
— Bureau **15**-486d.
— Ordinance **10**-734d.
MILITSCH: *see* Militz.
Millukov, P. N. **19**-730d.
Millwanga, O. [**24**-124 C2].
Milk (god) **17**-771c.
—, riv., Can. [**24**-91 D4].
—, riv., N.Am. [**24**-144 D1; **24**-188 K1]; **15**-614d.
MILK **15**-487a; bacteria **2**-902c; **2**-905b; baths **6**-486a; canning **4**-748d fol.; Casein **4**-961b; colouring **1**-190a; composition **7**-357b; cooling **19**-57c; diet **6**-372b; distribution **15**-489a fol.; Eng. **6**-980d; **1**-399a; fats **16**-746c fol.; forms **9**-460b; grades **6**-981b; infants' diet **9**-454d; **12**-319d; mach. **2**-786d; **6**-983a; **8**-162d fol.; **1**-377a; marketing **9**-86c; med. **23**-44b; N.Z. **16**-308c; pasteurization **8**-165c; Pl. fig. 1 **19**-REGULATION; Pers. **3**-94a; powder **15**-488b; **15**-489b; production **9**-89a; **9**-466b; **1**-421d; purity **1**-189b; refrigeration **8**-165b; tests **1**-377a; **8**-165d; vitamins **23**-221d.
— and Dairies (acts) **15**-181a; **6**-981a; **18**-740a.
— chocolate **5**-612d; **15**-488d.
Milkengay, lake, N.S.W., Austr. [**24**-170 F4].
Milk fever **23**-115b.
— -glass **10**-399d.
— Haven, bay, Ire. [**24**-20 C2].
Milking **6**-980c; **8**-162b.
— **MACHINE:** *see* Dairy Machinery.
Milk of lime **9**-459d; **14**-128c.
— of sulphur **21**-540d.
Miłkowski, Zygmunt **18**-165b.
Milk pudding **18**-752c.
— ripe **23**-558d.
Milk River, mts., Alta., Ont. [**24**-91 C4].
— sickness **9**-456c; **18**-124b.
— Order (1922, Eng.) **6**-981b; **15**-181a.
— -sugar **15**-307b; *see also* Lactose.
— teeth **21**-873d; **14**-749b.
— -**TREE** **15**-489c; *see also* Cow-tree.
— -vetch **13**-882b, d; **23**-113d; **2**-574b.
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"Milkwoman" (Millet) **15**-499d.
MILKWORT **15**-489c; **18**-182d.
MILKY WAY: *see* Galaxy and Star; *see also* **16**-135c; **20**-389d; **21**-318a; **21**-332a.

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—, Henry **22**-644d.
—, **HUGH R.** **15**-490a; **10**-150a.
—, **JAMES** **15**-490a; **2**-565c fol.; **14**-329d; **18**-711b; **19**-281c.
—, John **3**-518c; **3**-522a.
—, **JOHN STUART** **15**-490d; associationism **2**-565c fol.; Carlyle **4**-882c; causes **18**-90c fol.; Comte **6**-190 fol.; co-partnership **6**-394d; Eng. law **4**-759b; Grote **10**-907b; free trade **18**-603c; Neo-Hegelianism **16**-213c; hypothesis **12**-25a; induction **12**-272a; logic **14**-325a; mind **5**-736b; miracle **15**-588c; money **18**-813c; nature **8**-933a; positivism **17**-757a; representation **19**-165c; **18**-590b; right of bequest **11**-357a; scientific method **20**-132a; W. H. Smith **20**-835c; sociology **20**-911d; style **8**-598c; utilitarianism **8**-774a fol.; **22**-914c; women's suffrage **23**-710a.
—, Tex. [**24**-122 C2].
—, cr., O. [**24**-124 B3]; **5**-709c.
—, isl., Can. [**24**-87 O4].
—, riv., Conn. [**24**-101 B2].
—, riv., Mass. [**24**-98 B1].
MILL (mech.) **15**-494a; **9**-29a; il. **1**-404; cane **21**-524c; cement **5**-106d fol.; grinding **9**-83d fol.; **4**-169d; water rights **23**-428b; *see also* Rolling mill.
— (measure): *see* Mil.
Milladore, Wis. [**24**-133 D5].
MILLAIS, SIR JOHN E. **15**-494b; **1**-88d; **11**-918c.
Millais's lake, Nfd. [**24**-93 C2].
MILLAR, ANDREW **15**-495a.
—, James, Dr. **8**-429a fol.
Millard, co., Utah [**24**-152 A-B 3-4].
—, Mo. [**24**-140 E1].
—, Neb. [**24**-130 H3].
—, S.C. [**24**-113 D3].
—, S.Dak. [**24**-137 E1].
Millar's destructor figs. 3-4 **7**-272-273.
Millarton, N.D. [**24**-136 F3].
Millas, Fr. [**24**-26 F5].
MILLAU, Fr. [**24**-27 G3]; **15**-495a; **2**-799b.
MILLAY, EDNA ST. V. **15**-495b; **1**-793a.
Millbank penitentiary **18**-515b.
Mill blocks **18**-828d.
MILLBOARD: *see* Cardboard.
Millboro, N.C. [**24**-112 F2].
—, S.D. [**24**-137 E3].
—, Va. [**24**-110 E3].
Millbridge, Me. [**24**-96 E4].
Millbrook, Eng. [**24**-17 B4].
—, Ill. [**24**-128 D2].
—, Mich. [**24**-131 F6].
—, N.C. [**24**-112 G2].
—, N.Y. [**24**-103 G4].
—, Ont., Can. [**24**-90 C2].
—, Wyo. [**24**-145 G4].
Millburn, Ill. [**24**-128 D1].
—, Pa. [**24**-106 A2].
—, forest, Eng. **23**-542d.
Millburne, Wyo. [**24**-146 B4].
MILLBURY, Mass. [**24**-98 C1]; **15**-495b.
Millchester, Queens., Aust. [**24**-169 C3].
Mill City, Colo. **6**-47c.
— City, Nev. [**24**-153 B2].
— City, Oreg. [**24**-151 C3].
— City, Pa. [**24**-107 F2].
— Close Head, Eng. **9**-208a.
— Creek, Ind. [**24**-126 B1].
Millcreek, Miss. [**24**-119 D2].
Mill Creek, Okla. [**24**-143 G4].
— Creek, Pa. [**24**-106 D3; **24**-106 B2]; **23**-831c.
— Creek R.R. **18**-936a.
Milldale, Conn. [**24**-101 C1].
—, Neb. [**24**-139 D3].
MILLE, PIERRE **15**-495c; **9**-756a.
Mille (measure) **15**-140d.
Milledge, John **15**-495c.
MILLEDGEVILLE, Ga. [**24**-114 C3]; **15**-495c.
—, Ill. [**24**-128 C2].
—, Pa. [**24**-106 A2].
—, S.C. [**24**-113 C3].
Mille fiori glass **10**-399d fol.
Millegan, Mont. [**24**-144 C2].
Mille, harbour, Nfd. [**24**-93 C3].
— Lacs, co., Minn. [**24**-135 E5].
— Lacs, lake, Minn. [**24**-135 E5].
Millenary Petition **8**-469d; **8**-518d; **18**-422a.
Millenial Star **15**-809c.
Millennial Church: *see* Shakers.
MILLENNIUM **15**-495c; **8**-703b.
Millens, Md. [**24**-109 C1].
Millepedes **10**-59a.
Millepora **12**-3c; Pl. fig. 2 **12**-
HYDROZOA; **12**-7c.
Miller, Charles R. **7**-156a.
—, C. W. E. **10**-347b.
—, David H. **17**-301b.
—, D. C. **1**-43c; **15**-417d.
—, George W. **18**-205b.
—, Gerritt **7**-495c.
—, J. M. **10**-224c.
—, **JOAQUIN** **15**-497b.
—, **JOE** **15**-497b.
—, Leonard: *see* Merrick, L.
—, Lewis **14**-512b.
—, Nathan L. **20**-827c.
—, O. M. **1**-734a.
—, **OSKAR VON** **15**-497c.
—, Philip **3**-943c.
—, Phineas **23**-584c.
—, Robert **23**-462a.
—, W. D. **7**-222d.
—, W. H. (Brit. min.) **6**-810b; **15**-499a.
—, **WILLIAM** (Am. cler.) **15**-497c.
—, **WILLIAM** (Brit. sol.) **15**-497d.
—, **WILLIAM** (Scot. engr.) **15**-497d.
—, William Henry **3**-862b.
—, co., Ark. [**24**-120 B4]; **21**-991b.
—, co., Ga. [**24**-114 B5].
—, co., Mo. [**24**-140 E3].
—, Ia. [**24**-138 D1].
—, Ind. [**24**-126 A1].
—, Kan. [**24**-142 F3].
—, Miss. [**24**-119 C1].
—, Mo. [**24**-140 D4].
—, Neb. [**24**-139 E4].
—, O. [**24**-124 E3; **24**-125 C5].
—, S.Dak. [**24**-137 F2].
MILLERAND, ALEXANDRE **15**-498a; **9**-657c fol.
Millerfield, N.Y. [**24**-104 B6].
Mellerian indices: *see* Indices of the face.
MILLERITE (min.) **15**-499a.
Millerites: *see* Second Adventists.
Millers, Nev. [**24**-153 C4].
—, N.Y. [**24**-102 B2].
—, Pa. [**24**-106 B2].
—, cr., Austr. [**24**-170 C3].
Millersburg, Ia. [**24**-138 E3].
—, Ill. [**24**-128 B2].
—, Ind. [**24**-126 C1].
—, Ky. [**24**-116 F2].
—, Mich. [**24**-130 G4].
—, Mo. [**24**-141 E3].
—, O. [**24**-124 D3].
—, Pa. [**24**-107 E3].
Millers cr., N.C. [**24**-112 D1].
— Falls, Mass. [**24**-98 B1].
— Ho. Alsk. [**24**-156 M4].
— Mills, N.Y. [**24**-103 E3].
Millersport, O. [**24**-125 C4].
Millers Tavern, Va. [**24**-110 H3].
MILLER'S THUMB **15**-499a; **9**-323d; **15**-499b; **1**-940c; fig. 7 **7**-438.
Millerstown, Ky. [**24**-116 D3].
—, Pa. [**24**-107 D3].
Millersview, Tex. [**24**-123 E2].
Millersville, Md. [**24**-109 C1].
—, Mich. [**24**-131 F5].
—, Mo. [**24**-141 H4].
—, O. [**24**-124 B2].
—, Pa. [**24**-107 E4].
Millerton, N.Y. [**24**-103 G4].
—, Pa. [**24**-107 E2].
Millertown, Nfd. [**24**-93 B2].
— Junction, Nfd. [**24**-93 B2].
Millerville, Ala. [**24**-118 C2].
—, Minn. [**24**-135 C5].
Millesimo, It. **16**-86c.
MILLET, FRANCIS D. **15**-499b.
— **(MILE), JEAN FRANCOIS** (1642-79) **15**-499c.
— **JEAN FRANCOIS** (1814-75) **15**-499c; **13**-672b; **3**-101a; **8**-748a; Pl. I. fig. 4 **10**-GLASS PRINTS; **17**-58c.
—, Alta, Can. [**24**-91 C3].
—, Nev. [**24**-153 C3].
MILLET, (bot.) **15**-500b; **3**-313d; **5**-517d; **8**-66d; **17**-184c; **20**-325c; il. **21**-2; *see also* Gussub millet.
Millettville, S.C. [**24**-113 C3].
Milleur, pt., Scot. **23**-593c.
Millevaches, Fr. [**24**-26 F2].
— plat., Fr. [**24**-26 F2]; **11**-258c.
Millevoye, Charles **8**-344b.
Millewa, Co., Vict., Aust. [**24**-170 E5].
Millfield, O. [**24**-125 C4].
Mill Gill Force, Eng. **23**-513a.
Millgrove, Ind. [**24**-126 C2].
Mill Grove, Mo. [**24**-140 D1].
— Grove, Pa. [**24**-107 E3].
— Hall, Pa. [**24**-107 D2].
— Haven, La. [**24**-121 C1].
Millheim, Mo. [**24**-141 H4].
—, Pa. [**24**-107 D3].
—, Hill, Mdx., Eng. **11**-424d.
—Hill Park (Lond.) **23**-15b.
Millhousen, Ind. [**24**-127 C3].
Millican, Oreg. [**24**-151 E4].
Millicent, S.Austr. [**24**-170 E6].
Millicurie **18**-893c.
Millie, Austr. [**24**-171 J2].
Millier: *see* Tonne.
Milligan, Alice **12**-637c.
—, Ind. [**24**-126 A3].
—, Neb. [**24**-139 G4].
"Milligan, ex parte" (U. S. law case) **11**-55a; **22**-808a.
Milligramme **15**-140d.
MILLIKAN, ROBERT A. **15**-500d; **20**-764b; conduction **8**-239b fol.; electron **8**-337c; ions **8**-251b; photo elec. **17**-789a; radiations **8**-196a; **8**-220c; **18**-879a; ultra violet **8**-254d.
Milliken, Col. [**24**-147 F1].
Milliken's Bend, La. **23**-121a.
Millikin, La. [**24**-121 C1].
Millilambert **17**-840c.
Millilitre **15**-140d.
Millimetre **15**-140d.
Millimicron **18**-875b.
Millin, Sarah G. **21**-62d.
MILLING: *see* Flour and Flour Manufacture; *see also* **9**-405d; cloth **5**-848b; coins **15**-494a; mining **16**-882a; screws **20**-194a; soap **20**-860c.
— **-CUTTERS** **15**-501a; fig. 2 **7**-353; **14**-580b; **22**-290b.
— dyes **7**-804a fol.
— **MACHINES** **15**-501a; **14**-579b; **14**-582a.
Millington *v.* Fox (law case) **22**-356d.
—, Conn. [**24**-101 D2].
—, Ill. [**24**-128 D2].
—, Mass. [**24**-98 B1].
—, Md. [**24**-109 D1].
—, Mich. [**24**-131 H6].
—, N.J. [**24**-105 B2].
—, Tenn. [**24**-117 B2].
Millinocket, lake, Me. [**24**-96 D2].
Million, Ky. [**24**-116 F3].
— (number) **2**-357b fol.
Millionaire, mach. Pl. II. fig. 1 **4**-CALCULATING MACHINES.
Millioni, Corte del: *see* Sabbionera, Corte.
Millions (fish) **6**-931a.
Millionth comparator **18**-431d.
MILLIPEDE **15**-502a.
Mill Iron, Mont. [**24**-144 F3].
Millis (tribe): *see* Mihranis.
—, Mass. [**24**-99 C1].
Millium, Epistola ad (Bentley) **3**-419b.
Milliman, Fla. [**24**-115 D1].
Millmont, Pa. [**24**-107 D3].
MILLOM, Cumb., Eng. [**24**-13 A3]; **15**-503a.
Mill on the Floss, The (Eliot) **8**-359a.
Mill Plain, Conn. [**24**-101 B2].
— Point, W.Va. [**24**-111 C3].
Millport, Ala. [**24**-118 A2].
—, N.Y. [**24**-102 D3].
—, O. [**24**-124 E3].
—, Pa. [**24**-106 C2].
—, Scot. [**24**-19 D6]; **6**-864b.
Millrift, Pa. [**24**-107 G2].
Mill-rind **11**-464a; fig. 2 **11**-459.
Mill River, Mass. [**24**-98 A1].
Millry, Ala. [**24**-118 A4].
Mills, A. G. **3**-161b.
—, Carl Pl. XIX. fig. 3 **20**-SCULPTURE.
—, Cyrus T. **16**-661a.
—, H. H. **2**-811c.
—, **JOHN** (act.) **15**-503b.
—, John (writ.) **8**-427a.
—, Robert **23**-392c.
—, **ROGER Q.** **15**-503b.
—, W. H. **1**-819a.
—, co., Ia. [**24**-138 B3].
—, co., Tex. [**24**-123 E2].
—, Mo. [**24**-141 H4].
—, Neb. [**24**-139 E2].
—, N.Mex. [**24**-148 E2].
—, O. [**24**-125 C5].
—, Pa. [**24**-106 C3].
—, Wyo. [**24**-146 F3].
—, rubber (machines) **19**-608b.
— bill (1888, U.S.) **15**-503b; **22**-822c.
— College (Calif.) **16**-661a.
— grenade fig. 1 **10**-875.
— observatory **4**-598d.
Millsap, Tex. [**24**-123 F3].
Millsaps, Calif. [**24**-154 B3].
Millsboro, Del. [**24**-109 D2].
—, Pa. [**24**-106 B4].
Millsdale, Ill. [**24**-128 D2].
Mill Shoals, Ill. [**24**-129 D5].
Millspaugh, A. C. **17**-560a; **17**-597c.
Mill Spring, Mo. [**24**-141 G4].
— Springs, Ky. [**24**-116 F4]; battle **1**-757c; **22**-145c.
Millstadt, Ill. [**24**-129 B5].
Millstäter See Pl. VI. fig. 6 **2**-AUSTRIA.
Millston, Wis. [**24**-133 C5].
Millstone, Conn. [**24**-101 D2].
—, Md. [**24**-108 A1].
—, Pa. [**24**-106 B2].
—, riv., N.J. [**24**-105 B2].
MILLSTONE: *see* Flour and Flour Manufacture; *see also* **1**-720a; figs. 1-2 **9**-404-5.
— grit series **4**-841c fol.
— money: *see* Fé.
Millstreet, Ire. [**24**-21 B4].
Millton, Scot. [**24**-12 A1].
Milltown, Ind. [**24**-127 B4].
—, Clare, Ire. **5**-756d.
—, Malbay, Ire. [**24**-21 B4].
—, Me. [**24**-96 E3].
Mill Town, N.B., Can. [**24**-88 B3].
Milltown, N.J. [**24**-105 B2]; *see also* Plainfield.
Mill Town, Pa.: *see* Milton.
Milltown, S.D. [**24**-137 G3].
—, Wash. [**24**-150 C2].
—, Wis. [**24**-132 A4].
Milluachaqui, dist., Peru **22**-507d.
Milluni mine, Bol. **13**-714b.
MILLVALE, Pa. **15**-503c.
Mill Village, N.H. [**24**-97 B3].
—, N.S., Can. [**24**-88 E4].
—, Pa. [**24**-106 B2].
Millville, Ark. [**24**-120 C4].
—, Calif. [**24**-154 B2].
—, Del. [**24**-109 D2].
—, Ind. [**24**-126 C3].
—, Mass. [**24**-99 C1].
—, Minn. [**24**-135 F7].
MILLVILLE, N.J. [**24**-105 A3]; **15**-503c.
—, Pa. [**24**-107 E2].
—, Utah [**24**-152 C1].
—, Wis. [**24**-133 C6].
Millwall Docks (London, Eng.) **18**-226d.
Mill warping (weaving) **23**-464b.
Millwood, Ark. [**24**-120 A4].
—, Ky. [**24**-116 D3].
—, Mass. [**24**-99 D1].
—, Oreg. [**24**-151 B4].
—, Pa. [**24**-106 B3].
—, W.Va. [**24**-111 B3].
Milly, Fr. [**24**-24 H3].
MILMAN, HENRY H. **15**-503c]; **18**-749c.
Milmay, N.J. [**24**-105 B3].
Milmerran, Queens., Austr. [**24**-171 K1].
Milmina, Ill. [**24**-128 D4].
Milmore, Martin **9**-755b.
Miln, James (archae.) **4**-889b.
Milna, Brazza, Yugos. **4**-63b.
Milnathan, Scot. [**24**-18 E5].
Milnathort, Scot. [**24**-12 A1].
Milne, A. A. (au.) **5**-475a.
—, Sir A. Berkeley (adm.) **10**-467b; **23**-780b.
—, David (sci.) **20**-288a.
—, Edward A. **16**-568c.
—, **SIR GEORGE F.** **15**-503d; **19**-893d.
—, **JOHN** (sci.) **15**-504a; **7**-845b; **20**-288a fol.
—, Joshua **14**-56d.
—, Oswald P. (arch.) **19**-115a.
Milne, Ia. [**24**-138 E3].
—, Ida. [**24**-145 D7].
—, bay, Arct.O. map **2**-295 (C1).
Milneburg, La. [**24**-121 D3].
MILNE-EDWARDS, HENRY (zool.) **15**-504a; **6**-166b.
Milne Home, David: *see* Milne, David.
Milne Land, isl., Green. map **2**-295 (I3).
MILNER, ALFRED MILNER, Viscount **15**-504b; **4**-786c; **22**-428c; **8**-97b; **17**-304d.
—, Dr. Isaac (educ.) **23**-594d.
—, Joseph **11**-875a.
—, S. R. (sci.) **11**-333d.
—, Thomas **19**-809d.
—, Ark. [**24**-120 B4].
—, Col. [**24**-147 C1].
—, Ky. [**24**-116 F2].
Milner-Zaghlul agreement (1920) **3**-97c.
Milnes, Richard Monckton, Lord Houghton: *see* Houghton.
Milne-Shaw seismograph **7**-845c; **20**-289b.
Milnesium (biol.) **21**-809a.
MILNGAVIE, Scot. [**24**-19 D6]; **15**-505d.
Miln-Le Rouzic (museum, Fr.) **4**-889b.
Milnor, N.D. [**24**-136 G3].
Milnthorpe, Eng. [**24**-13 B3].
MILO (MILON) (of Crotona) **15**-505d; **23**-804d; (statue, Falconet) **9**-44b.
—, **TITUS ANNIUS** **15**-506a; opposed Publius Clodius **5**-840d.
— **OF GLOUCESTER,** earl of Hereford **15**-506a.
—, Ark. [**24**-120 D4].
—, Gr.: *see* Kastro, Gr.
—, Ia. [**24**-138 D3].
—, Ill. [**24**-128 C2].
—, Kan. [**24**-142 E2].
—, Me. [**24**-96 D3].
—, Mo. [**24**-140 C4].
—, N.Y. [**24**-102 C3].
—, isl., Gr.: *see* Melos.
— (bot.) **11**-267a.
Milocca, Sic. **20**-605b.
Milo de Cogan: *see* Cogan, Milo de.
Miloma, Minn. [**24**-135 C8].
Milonidas (potter) **18**-342b.
MILORADOVICH, MICHAEL A., count **15**-506b; **16**-418a.
Milori Blue (paint) **17**-67c.
MILOS OBRENOVIC I. **15**-506b.
MILOVANOVIC, MILOVAN **15**-506c; **20**-346c.
Milow, Ger. [**24**-39 H1].
Milowi, Tanganyika [**24**-85 F4].
Milparinka, N.S.W. [**24**-170 F2].
Milpitas, Calif. [**24**-154 C4].
MILREIS (money) **15**-506d; **8**-706a.
Milroy, Ill. [**24**-128 B2].
—, Ind. [**24**-127 C3].
—, Minn. [**24**-135 C7].
—, N.D. [**24**-136 D1].
—, Pa. [**24**-107 D3].
Milsand, Joseph (writ.) **4**-278a.
Milstead, Ala. [**24**-118 D3].
Miltenberg, Ger. [**24**-38 E4].
MILTIADES **15**-506d; **15**-507a; **14**-858a; **15**-507a; **10**-592a fol.
Miltides (pope): *see* Melchiades.
Miltitz, Charles von **14**-493d.
Milton, Andrew Fletcher, lord: *see* Fletcher.
—, Henry Sidney, baron: *see* Romney, earl of.
—, **JOHN** (poet) **15**-507b; Pl. II. fig. 1 **8**-ENGLISH LITERATURE; blank verse **3**-699d; blindness **15**-511a; criticism of **1**-161d; **14**-467b; hymns **12**-18a; odes **16**-702b; prose **8**-586a; sonnet **20**-377d; style **8**-580a.
—, co., Ga. [**24**-114 B2].
—, Calif. [**24**-154 C3].
—, Conn. [**24**-101 B1].
—, Del. [**24**-109 D2].
—, Fla. [**24**-115 A1].
—, Ia. [**24**-138 E4].
—, Ill. [**24**-129 B4].
—, Ind. [**24**-126 C3].
—, Kan. [**24**-142 E4].
—, Kent, Eng. **13**-330a.
—, Ky. [**24**-116 E2].
—, La. [**24**-121 B3].
MILTON, Mass. [**24**-99 C1]; **15**-514d.
—, N.C. [**24**-112 F1].
—, N.D. [**24**-136 F1].
—, N.H. [**24**-97 C3].
—, N.J. [**24**-105 B1].
—, N.Y. [**24**-102 G4].
—, N.Z. [**24**-173 B7].
—, Ont., Can. [**24**-90 C3].
—, Oreg. [**24**-151 G2].
MILTON, Pa. [**24**-107 E2]; **15**-515a.
—, Penn. [**24**-117 E2].
—, Vt. [**24**-97 A2].
—, Wash. [**24**-150 C3].
—, W.Va. [**24**-111 A3].
Milton (Blake) **3**-695c fol.
Milton Abbas, Eng. [**24**-17 D4].
— Abbey (Dorset, Eng.) **5**-211a.
— Abbot, Eng. [**24**-17 B4].
— Regis, Kent, Eng. **20**-723a.
Miltona, Minn. [**24**-135 C5].
Milton Center, O. [**24**-124 B2].
— Ernest, Eng. [**24**-15 C3].
— Junction, Wis. [**24**-133 E7].
— Mills, N.H. [**24**-97 C3].
Miltonvale, Kan. [**24**-142 E2].
Mi-lu (deer) **7**-135c.
Milutin (Serb.) **20**-342a.
Milutinović **6**-993a.
Milverton, Eng. [**24**-17 C3].
—, Ont., Can. [**24**-90 B3].

Milvian Bridge: *see* Saxa Rubra.
Milvus ater **13**-421a.
— govinda (bird): *see* Pariah kite.
— ictinus (bird): *see* Kite.
Milwaukie, Oreg. [**24**-151 C2].
MILWAUKEE, Wis.. [**24**-133 F6]; **15**-515a; **23**-678d fol.; commerce **15**-424b; museums **15**-1001b.
—, riv., Wis. [**24**-133 E6]; **15**-515b.
— and Mississippi (St. Paul) R. R.: *see* Chicago, Milwaukee, St. Paul and Pacific R. R. Co.
Milyans (people) **14**-512d.
MILYUKOV, PAUL N. 15-516b.
Milyutin, Dmitri **19**-721d.
Mima (actress) **7**-586c.
Mimallones: *see* Maenads.
Mimāmsā **19**-967d.
Mimaň, Czech. [**24**-39 K3].
Mimana, terr., Kor.: *see* Imna.
Mimas, mt., Asia M. **12**-573d.
— (astron.) **20**-9a.
Mimas Novas, Braz. [**24**-164 B4].
MIMBAR (arch.): *see* Minbar.
Mimbres, N.Mex. [**24**-148 B6].
M. I. M. E. (abbrev.) **1**-25b.
MIME 15-516c; Herodas **11**-511c fol.; **7**-584d.
M. I. Mech. E. (abbrev.) **1**-25b.
Mimegardevoord, Ger. *see* Münster.
Mimes (Theocritus) **22**-56a.
Mimeta **16**-904b.
Mimetic resemblance (biol.) **15**-517a.
Mimetic twins (crystall.) **6**-822a.
Mimetisite (min.) **2**-435b.
MIMETITE (min.) **15**-516d; **18**-799d.
Mimich, ft., Alg. **3**-718d.
Mimico, Ont., Can. [**24**-90 C3].
MIMICRY (biol.) **15**-516d; **22**-987a; Bates **3**-200c; birds **3**-626a; butterflies **15**-517b.
Mimidae **15**-630a.
Mimika, riv., N.G. **17**-241d.
— (lang.) noted **17**-241d.
Mimizan, Fr. [**24**-26 B3].
Mimizuka (mound, Kyōto, Jap.) **12**-937c.
Mimmac Pond, Nfd. [**24**-93 B2].
Mimms, South Mdx., Eng. [**24**-15 C4].
—, ft., Miss. **16**-324b.
MIMNERMUS 15-520b; **8**-344a.
Mimon (bat) **5**-600a.
MIMOSA 15-520b; **13**-881b, d.
— catechu **21**-795c.
— ferruginea: *see* Talh.
— pudica: *see* Sensitive plant.
Mimoseae **1**-80a; **15**-302c.
Mimosoideae **13**-881a fol.
Mims, ft., Ala. **1**-490d.
Mimsville, Ga. [**24**-114 B5].
Mimtok, E. Ind. Archip. [**24**-72 C4].
MIMULUS 15-520d.
— glutinosus: *see* Bush-monkey-flower.
— langsdorfii: *see* Monkey-flower, common.
— moschatus: *see* Musk.
Mimung **23**-445b.
Mimus (drama) **7**-586a.
— polyglottus: *see* Northern mocking-bird
Mimusops balata: *see* Bullet tree.
— caffra: *see* Red milkwood; *see also* Milktree.
— elata (tree) **15**-489c.
min. (abbrev.) **1**-25b.
Min (god) **8**-59c; **6**-411b.
—, riv., China [**24**-69 G6]; **21**-726b; battle **5**-530b.
MINA, FRANCISCO ESPOZ Y 15-520d.
—, Xavier **8**-715a.
— (tribe) in Dahomey **6**-977b.
—, Calif. [**24**-154 B3].
—, Nev. [**24**-153 B4].
—, S.D. [**24**-137 F1].
—, mt., Fr.Sud., Af. [**24**-80 C3].
Minab, Pers. [**24**-63 D8]; **17**-551d.
Minaco Sabaean (script) **1**-486a.
Minaeans **2**-177d; **20**-315a.
— inscriptions: *see* Himyaritic inscriptions.
Minahasese **5**-89d fol.
Minahassa, Du.E.I. **7**-871b.
Mīna khanī pattern fig. 8 **19**-622.
Mīnāksi (shrine, Madura) **12**-224b.
Minakuchi, Jap. [**24**-74 K6].
Minam, Oreg. [**24**-151 H2].
Mina Marta, Chile **14**-622c.
Minami-iwo-jima, isl., Pac.O. **23**-243b.
Minamoto **12**-933b fol.
MINANGKUBAU, dist., Sum. **15**-521a.
Minardo, mt., Sic. **23**-240c.
MINARET 15-521a.
Minarets, Calif. [**24**-154 D4].
MINAS (MINOIDES) (Gr.) **15**-521c; **2**-840b.
— (of Abyssinia) annals **8**-780a.
—, João de Sousa, marquess das **18**-280b.
— (tribe): *see* Meos.
—, dept., Urug. [**24**-165 F3].
—, Urug. [**24**-165 E3].
— Basin, bay, Can. **16**-570c.
— Chan., Can. [**24**-88 E3].
— del Mundo, dist., Sp. **11**-409a.
— de Rio Tinto, Sp.: *see* Rio Tinto.
— do Rio de Contas, Braz.: *see* Rio de Contas, Braz.
— **GERAES**, state, Braz. [**24**-164 A, B4; **24**-163 D6]; **15**-521c; **4**-49b; **19**-316c; diamonds **7**-317b.
—, mts., Guat. [**24**-159 G4].
— Novas, Braz. [**24**-163 D6].
Minatare, Neb. [**24**-139 A3].
Minatitlan, Vera Cruz, Mex. [**24**-159 F4].
Minato, Ibaraki, Jap. [**24**-75 M5].
—, Sado, Jap. [**24**-75 L4].
Minatogawa, riv., Jap. **13**-472b.
Minau, canal, Shushtar, Pers. **20**-590b.
MINBAR (MIMBAR) 15-522c; **12**-709a.
MINBU, dist., Burma [**24**-66 C2]; **15**-522d.
Minburn, Ia. [**24**-138 C3].
Minch, str., Scot. [**24**-18 B, C3, 4].
—, Little, str., Scot. [**24**-18 B4].
Minchimahuida, val., Arg. Rep. [**24**-161 B7].
MINCHINHAMPTON, Eng. [**24**-17 D3]; **15**-522d.
Mincio, riv., It. **12**-754b.
Mincius, Johannes: *see* Benedict X.
Minckelers, Jean Pierre **14**-105b.
Mind **17**-760b; Anaxagoras **1**-886a; Bergson **17**-758a; Berkeley **13**-459b; **17**-753d; Croce **17**-758b; Descartes **7**-251d; dualism **7**-694c; **18**-88a; empiricism **8**-411b; evolution **8**-929d; Fichte **17**-754d; free will **9**-747c; Ger. materialism **17**-755c; Hegel **11**-383b; **17**-755a; holistic view **11**-642c; Kant **17**-754b; **22**-18b; Leibniz **18**-89c; living organism **14**-43c; Locke **17**-753b; **14**-274c; **18**-89c; Lotze **14**-406c; Nietzsche **17**-756b; Plato **18**-60c; Swedenborg **21**-654b.
Mind (journ.) **18**-714d.
Mind, Analysis of the (Mill) **15**-490c.
Min-chow, China [**24**-68 G5].
Minco, Okla. [**24**-143 F3].
Mincy, Mo. [**24**-140 D5].
Mindanao, I., P.I. [**24**-73 B, C4; **24**-181 L8].
—, riv., P.I. **17**-725d.
Mind and its Place in Nature, The (Broad) **13**-464c.
Mindarie, S.Austr. [**24**-170 E5].
Mindarus **17**-454d.
Mind cure: *see* Faith healing.
Mindel glaciation **5**-825c.
Mindello, Cape Verde Isls. **4**-792a.
Mindel-Riss stage (geol.) **12**-474a.
Mindel stage (geol.) **12**-473d.
MINDEN, Ger. [**24**-38 D1]; **15**-523a; battle (1759) **15**-523a; **20**-392d.
—, Ia. [**24**-188 B3].
MINDEN, La. [**24**-121 A1]; **15**-523b.
—, Neb. [**24**-139 F4].
—, Nev. [**24**-153 A4].
—, Ont., Can. [**24**-90 C2].
— City, Mich. [**24**-131 J6].
— Mines, Mo. [**24**-140 C4].
Mindenville, N.Y. [**24**-103 F3].
Mindero, Wis. [**24**-133 B5].
Mindon (Burmese k.) **14**-788d.
Mindoro I., P.I. [**24**-73 B3; **24**-181 L7]; **17**-725b.
— Str., P.I. [**24**-73 A, B3].
MIND-READING: *see* Telepathy.
Mindrip Hills, Eng. [**24**-17 D3].
Mindrum Mill, Eng. [**24**-12 B2].
Minds Basin, N.S., Can. [**24**-88 E3].
MIND STUFF THEORY 15-523b.
Mindszent, Hung. [**24**-51 G3].
Mindu, Tanganyika Terr., Af. [**24**-83 G4].
Mindull, Af. **9**-757d.
Mine, Mo. [**24**-141 G4].
—, O. [**24**-125 C4].
— Brook, N.J. [**24**-105 B2].
Mineda, Ark. [**24**-120 A3].
Mined dugout **9**-543c.
Minefield, Md. [**24**-109 C1].
Mine gas **9**-540a.
MINEHEAD, Eng. [**24**-17 C3]; **15**-523b.
Mine Head Light House, Ire. [**24**-21 D4].
Mineito (Jap.) **12**-912b.
MINELAYING: *see* Mines, Minelaying and Minesweeping.
Mine Levy (Fr. tax) **12**-140b.
Minella, Pietro del **16**-946c.
Minelli court, Venice il. **11**-402.
Minenwerfer **2**-470d.
MINEO, Sic. **15**-523c.
Mineola, Ia. [**24**-138 B3].
—, N.Y. [**24**-102 G5].
—, Tex. [**24**-123 G3].
Mineptah **8**-74a.
Miner, co., Col. [**24**-147 D4].
—, co., Mont. [**24**-144 A2].
—, co., Nev. [**24**-153 B4].
—, co., W.Va. [**24**-111 E2].
MINER: *see* Coal and Coal Mining, Hewer.
Miner, Mont. [**24**-144 C3].
—, Wis. [**24**-133 C5].
Mineral, Ariz. [**24**-149 A3].
—, Ark. [**24**-120 A3].
—, Ida. [**24**-145 A5].
—, Ill. [**24**-128 C2].
—, Kan. [**24**-142 H4].
—, Nev. [**24**-153 D2].
—, O. [**24**-125 C4].
—, Oreg. [**24**-151 H3].
—, Va. [**24**-110 G2].
—, Wash. [**24**-150 C4].
—, Wis. [**24**-127 B4].
—, mts., Utah [**24**-152 B4].
— adipocire: *see* Hatchettite.
— assemblages **15**-526b.
— black **17**-68a.
— caoutchouc: *see* Elaterite.
— Center, Minn. [**24**-134 J4].
— City, Fla. [**24**-115 G1].
— City, O. [**24**-124 D3].
— charcoal **5**-870b.
— colour: *see* Inorganic colour.
— del Monte, Mex. **11**-543a.
— **DEPOSITS**: *see* Ore Deposits.
— Hill, N.Mex. [**24**-148 D3].
— Hot Springs, Colo. [**24**-147 E3].
— inversion **17**-678d.
Mineralization **4**-251a.
Mineralized methylated spirits **1**-541c fol.
Mineralizer (petrol.) **17**-672b; (geol.) **16**-875c fol.
Mineralking, Calif. [**24**-155 D4].
MINERALOGY 15-523c; **1**-356c; **10**-95a; *see also* Ore deposits.
Mineralogy, Elements of (Kirwan) **13**-416a.
Mineral oils **16**-745b; **14**-94d; *see also* Petroleum.
— **PHOSPHATES 15**-528d; **9**-194c.
— Point, Wis. [**24**-133 C7].
— poison **9**-456c.
— Ridge, O. [**24**-124 E2].
— **RIGHTS DUTY**: *see* Inland Revenue Duties.
Minerals **15**-527a; **15**-527b; **17**-670b; boring **3**-902b; diet **9**-467a; hardness **1**-61b; in meat **15**-1446b; metasomatism **15**-333d fol.; specific gravity **15**-526a.
Mineral soils **20**-927a fol.
— Springs, N.C. [**24**-112 E3].
— Springs, N.D. [**24**-136 A3].
— Springs, O. [**24**-125 B5].
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— **WELLS**, Tex. **15**-533a.
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—, Mich. [**24**-131 F7].
Miner's anaemia: *see* Hookworm.
— drill **3**-706c.
Miner's Eight-Hour Act (1908, Eng.) **5**-899a.
— Federation of Gt. Britain **21**-707d; **10**-106d fol.; **10**-967d.
— hammer **3**-706d.
— inch **15**-545b.
— lamp glass **10**-414c.
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— **PERMANENT RELIEF** Societies: *see* Friendly Societies **15**-533a.
MINERS' PHTHISIS 15-533a.
Minersville, Calif. [**24**-154 B2].
—, Neb. [**24**-139 J4].
MINERSVILLE, Pa. [**24**-107 E3]; **15**-533d.
—, Utah [**24**-152 B4].
Minerton, O. [**24**-125 C4].
Mine Run, Va. [**24**-110 G2].
MINERVA (myth.) **15**-533d; temple, Rome **19**-470d; **7**-512c; **23**-17c.
—, Ky. [**24**-116 G2].
—, N.Y. [**24**-103 G2].
—, O. [**24**-124 D3].
—, Oreg. [**24**-151 B3].
—, Tex. [**24**-123 F4].
Minerva (period.) **17**-516a.
Minervino, It. [**24**-35 F4].
Minervite **21**-216d.
Mines, Pa. [**24**-106 C3].
—, Accidents (Rescue and Aid) Act (1910, Eng.) **13**-542a; **5**-898c.
— Acts (Eng.): 1842 **8**-535a; 1923 **6**-150a; **5**-899b.
—, Bureau of (U.S.) **10**-579a.
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MINES, MINELAYING AND Minesweeping **15**-533d; **23**-785d fol.; **9**-539c fol.; camouflet **4**-672b; minelayers, 1928; **10**-690a; minesweepers **9**-367d; submarines **21**-495d; World War **20**-557b; il. **15**-535.
—, School of (Golden, Colo.) **6**-46a.
Minestrone **21**-38c.
Minet, Pa. [**24**-106 A4].
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Minette **13**-635a; **16**-879a; **12**-650c.
Minetto, N.Y. [**24**-103 D2].
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Mineville, N.Y. [**24**-103 G1].
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Mingal (tribe) **3**-7c.
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Mingalodou, Bur. **18**-977b.
Mingan, Inner Mong. [**24**-69 J3].
Mingary, S.Austr. [**24**-170 E4].
Mingelen (measure) **15**-142b.
Mingenew, W.Austr. [**24**-168 B4].
MINGHETTI, MARCO 15-538b; **12**-805a fol.
Ming Huang (emp.) **22**-40b.
Mingin, India [**24**-66 C2].
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—, Ia. [**24**-138 D3].
—, Kan. [**24**-142 B2].
—, O. [**24**-124 B3].
— Junction, O. [**24**-124 E3].
Mingoville, Pa. [**24**-107 D3].
MINGRELIA: *see* Georgian S.S.R.
Mingrelian (lang.) **10**-195d.
Mingulay T., Scot. [**24**-18 A5].
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— leoninus: *see* Northern sea-elephant.
— patagonica: *see* Southern sea-elephant.
Mir Wais: *see* Waiz, Mir.
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— 'Alī Muḥammad **2**-838d.
— Asadullāh Khān: *see* Ghālib.
— Ghulām Aḥmad **12**-711d fol.
— Husayn 'Alī **2**-839a.
— Khān Dāgh **11**-576b.
— Mohammed: *see* Suraj-Ud-Dowlah.
MIRZAPUR, India [**24**-65 E3]; **15**-592b; **15**-592c; **12**-211a.
— Raja **12**-869c; **1**-738c.
Mirza Schaffy (Bodenstedt) 10-227d.
Misa, Togo, Af. [**24**-80 E4].
Misabi **12**-650d.
Misamis, P.I. [**24**-73 B4].
Misalliance (Shaw) **20**-470d.
Misanthrope, Le (Molière) **15**-671b.
Misanthrope et l'Auvergnat, Le (Labiche) **13**-534d.
Misaubin, Dr. **4**-864d.
Misc. (abbrev.) **1**-25b.
Miscal (weight) **15**-140d.
MISCARRIAGE (law) **15**-592c; (med.) **15**-592c; **1**-57a; (physiol.) **16**-677b.
MISCEGENATION 15-592c; **20**-419c; anthropology **2**-49b.
Miscellanea (Fea) **12**-769d.
Miscellanea critica (Dawes) **7**-90c.
Miscellanies (Clement) **5**-800a.
Mischabel, mt. Switz. [**24**-30 D4].
Misch-codices (mss.): *see* Conflated manuscripts.
"Mischief" (yacht) **23**-870a fol.
Mischief of Impositions (Alsop) **1**-703d.
Mischmetall **22**-966d.
Miscibility (chem.) **5**-397b.
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Mise of Amiens **15**-592d; **14**-416a.
Miser, The (Conscience) **6**-281d.
Misère de la Philosophie, La (Marx) **14**-995c.
MISERERE (arch.): *see* Misericord.
Miserere (Allegri) **15**-941d.
Miserere (bracket) **5**-615b.
Miserere (Jommelli) **13**-137d.
"Miserere" (Josquin) **16**-7c.
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MISERICORD (MISERERE) (arch.) **15**-593a.
Miséricorde **6**-972a.
Misery, mt., Spitsbergen **21**-249c.
Misery, mt., W.I. **19**-840b.
Misery, pt., Nfd. [**24**-93 C1].
Mises, Dr. (pseud.): *see* Fechner, Gustav Theodor.
Misfeasance (law): *see* Nonfeasance.
Misfortunes of Arthur (Hughes) **8**-577a; **3**-699c; **7**-599a; **11**-867a.
Misha'ab, Ras (C), Arab. [**24**-62 D2].
Mishael, Song of (bibl.) **7**-30b.
Misha Mokwa, Wis. [**24**-133 B5].
Mishar (battle, 1806) **19**-784d.
Mishārī (Wahhabi leader) **2**-181a.
Mishaum, pt., Mass. [**24**-99 D2].
MISHAWAKA, Ind. [**24**-126 B1]; **15**-593a.
Mishayu, Ras (C.), Arab. [**24**-62 F4].
Mishicott, Wis. [**24**-133 F5].
Mishikamau, lake, Nfd. [**24**-93 C1]; **13**-556b.
Mishima ware **18**-369c; Pl. XXXX fig. 2 **18**-POTTERY AND PORCELAIN.
Mishin, Arab. [**24**-62 F3].
Mishirghi-tau, mts., U.S.S.R. **5**-55c.
Mishkān (rel. arch.) **21**-729b.
Mishmi, India [**24**-66 D1].
MISHMI (tribe) **15**-593b; **3**-495d; **2**-552c.
— (lang. group) **4**-427d.
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Mishnaic Midrash (Heb. lit.): *see* Tannaite Midrash.
Mishnch hat-Torah (bibl.) **7**-280b.
Mishrif, Arab. [**24**-62 C3].
Mishrifeh, Syr. **2**-540a.
Misiano **12**-821d.
MISIC, ZIVOJIN **15**-593b; **20**-352d; **20**-349c.
MISIONES, terr., Arg. [**24**-165 F2]; **15**-593c.
Misiones, Avenida de las (Havana, Cu.) **11**-259d.
Misiri, Belg. Cong. [**24**-83 E5].
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Miska, Arab. [**24**-62 C3].
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Miskito (lang.) **5**-140d.
— (people) **19**-86a; **19**-86b.
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Misla, Af. [**24**-78 F3].
Misma, mts., Arab. [**24**-62 C2].
Misma, Jeb. (mt.), Arab. [**24**-62 B1].
Misnia, Ger.: *see* Meissen.
Misogallo (Alfieri) **1**-587d.
Misogonus (play) **7**-598c; **8**-577a.
Misol, isl., N.G. **16**-207d.
Mi-son, Annam **12**-226c; **4**-641b; (temple) Pl. VI. fig. 5 **12**-INDIAN ARCHITECTURE.
Misonne, Leonard **17**-882d.
Misovaya, U.S.S.R. **4**-411a.
Misovsk, U.S.S.R.: *see* Misovaya.
Misphragmuthosis **12**-9b.
MISPICKEL (ARSENOPYRITE) **15**-593d; **2**-435b; *see also* Arsenical pyrites.
Mispillion, Creek, Del. [**24**-109 D2].
MISPRISION **15**-593d; **22**-439b.
Misquah Hills, Minn. [**24**-134 H4] **15**-559c.
Misr (mod. Arab. name for Egy.): *see* Egypt.
Misr, Egy.: *see* Fostat.
Misrepresentation **6**-343b.
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Missa catechumenorum (rel. service) **5**-677c; **5**-28a.
— fidelium (rel. service) **5**-677c.
MISSAL **15**-594a; **3**-872d.
Missale Francorum **14**-226c.
Missale Gallicanum **14**-226d.
Missale Gallicum **14**-226c.
Missale Gothicum **14**-226c.
"Miss America II." (motor boat) Pl. fig. 1 **15**-MOTOR BOAT.
Missão, Serra da, mts., Braz. [**24**-164 B2].
Missa Papae Marcelli (Palestrina) **17**-143c.
Missa pro defunctis (mass): *see* Requiem.
Missa pro rege (coronation service) **6**-458b.
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Missile engine **9**-525d; **21**-740b.
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Missinnippi, riv., Sask., Can.: *see* Churchill.
Mission, Man., Can. [**24**-91 G3].
Mission, S.D. [**24**-137 D3].
Mission, Tex. [**24**-123 E6].
Mission, Wash. [**24**-150 F2].
Mission, mts., Mont **15**-746a.
Mission (grapes) **9**-885c.
Missionary, La. [**24**-121 A1].
—, ridge, Tenn. **21**-932a.
— Epistles (N.T.): *see* Thessalonians, Epistles to the.
Missionary Labours and Scenes in South, Robert Moffat **15**-645a.
Missionary Ridge (battle, 1863) **5**-322b; **20**-495d; **5**-322d.
— (strawberries) **9**-885c.
Missionary Travels and Researches in South Africa (Livingstone) **14**-239c.
Mission bells (plant) **9**-858c; **23**-915b.
— Creek, Minn. [**24**-135 F6].
Mission from Cape Coast Castle to Ashantee (Bowdich) **3**-975d.
Mission Hill, S.D. [**24**-137 G4].
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— Range, mts., Mont. [**24**-144 B2].
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—, co., Mo. [**24**-141 H5].
—, lake, Can. [**24**-90 D2].
Mississippi, riv., Ont., Can. [**24**-90 D2].
—, sd., La. [**24**-121 E3].
— (game) **2**-921d.
Mississippi, Life on the **22**-635c.
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— Coteau, N.Am. [**24**-91 E4; **24**-136 C4; **24**-187 E4]; **21**-86b; **4**-692c.
— gourd **15**-630a.
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— halo (meteor.) **11**-110d.
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—, D.M. (astron.) **16**-673b.
—, John P. (Am. pol.) **16**-390c.
—, Ark. [**24**-120 C1].
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Mitchell, A. C. (phys.) **14**-670a.
—, A. D. (chem.) **2**-562c.
—, Sir Andrew (adm.) **9**-830b.
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MITCHELL, DONALD G. **15**-616b.
—, F. H. **6**-694b.
—, J. C. **11**-331c.
—, James **20**-467c.
—, John (labor) **19**-538b.
—, John A. (au.) **4**-952a.
—, **JOHN T. W.** **15**-616c; **6**-384a.
—, **MARIA** (astron.) **15**-616d.
—, **PETER C.** (coal.) **15**-617a
—, S. A. (astron.) **5**-647b.
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—, **S. WEIR** (au.) **15**-617a; **16**-576c.
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—, co., Kan. [**24**-142 D2].
—, co., N.C. [**24**-112 C1].
—, co., N.S.W. [**24**-171 H5].
—, co., Tex. [**24**-122 D3].
—, dist., Austr. [**24**-169 B3].
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—, Ont., Can. [**24**-90 B3].
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—, mt., Austr. [**24**-192 E2].
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— II. (Parthia) **17**-345b; **15**-297a; **17**-575c.
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Montchanin, Del. [**24**-109 D1].
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Montebello (battle, 1800) **9**-828a.
Montclair, Ind. [**24**-126 B3].
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Montclare, Pa. [**24**-107 F3].
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Montcorbier, François de: *see* Villon, François.
Montdauphin, Fr. [**24**-27 K3].
MONT-DE-MARSAN, Fr. [**24**-26 C4]; **15**-753d.
— de piété **17**-403a.
— -de Rilly, tunnel, Fr. **4**-723d.
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MONT-DORE-LES-BAINS, Fr. [**24**-27 F2]; **15**-754a.
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—, Piero del **17**-210b.
—, Tex. [**24**-122 D5].
—, Castel del (Andria, It.) **1**-915b.
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—, William Stanley, 3rd baron **15**-754b.
—, co., N.S.W., Austr. [**24**-171 J4].
—, Tenn. [**24**-117 F2].
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— (battles) **12**-804c; **22**-310c.
— (castle, Bellinzona) **3**-384c.
Montebillo, Félix Machado de Mendoza, marques de **17**-906a.
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— Caseros, Arg. [**24**-165 E3]; **6**-469c.
— Caseros (battle 1852) **15**-621c.
— **CASSINO,** hill, It. **15**-754c; **3**-398a; **14**-17d.
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Montechiaro **9**-819c fol.
Monte Christi, S. Domingo, W.I. [**24**-157 D3].
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— Collina, S.Aus. [**24**-170 E2].
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—, isl., It. [**24**-34 C3]; **7**-230b.
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—, Guidobaldo da **22**-804d.
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—, **SIR MOSES HAIM 15**-755c.
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Montefrio, Sp. [**24**-32 D4].
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—La. [**24**-121 D4].
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Monte Libano, cave, Cu. **6**-833c.
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Montem **8**-783c.
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— **OLIVETO MAGGIORE:** *see* Asciano.
Montepelier, N.Dak. [**24**-136 F3].
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Monteponi, Sard. **12**-73c.
Montepuezi, riv., Port. E.Af. [**24**-88 G5].
MONTEPULCIANO, It. [**24**-35 C3]; **15**-758b; Pl. I. fig. 11 **22**-TOWER.
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Monterey, co., Calif. [**24**-154 C4].
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—, Robert de **21**-701b.
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— **SYSTEM** (educ.) **15**-761b; Pl. I. fig. 4 **7**-EDUCATION; Austr. **4**-195c.
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Mont' Estoril, Port. **14**-198a.
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Monteuq, Fr. [**24**-26 E3].
MONTEVERDI (MONTEverde), Claudio 15-761d; **11**-206c; **16**-10a; opera **16**-803a; orchestra **16**-847d.
MONTEVIDEO, Minn. [**24**-135 C7]; **15**-763c.
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Monteview, Ida. [**24**-145 F5].
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Montez, Lola (Brit. dancer): *see* Gilbert, M. D. E. R.
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MONTEZUMA II. (Aztec) **15**-763c; **2**-831c; Cortes **6**-477c fol.; Ixtlilxochitl II. **12**-848a.
—, co., Colo. [**24**-147 B4].
—, Ariz. [**24**-140 B5].
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Montfat, grotto, Belg. **7**-388d.
MONTFAUCON, BERNARD de (Fr. schol.) **15**-763d; **11**-506b; **9**-790d.
—, Haute-Loire, Fr. [**24**-27 H2].
—, Maine-et-Loire, Fr. [**24**-24 D4].
—, Meuse, Fr. [**24**-25 L2].
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—, Boniface, marquis of **19**-891c.
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—, Hugo von: *see* Hugo von Montfort.
—, John de **3**-738d; **9**-617b; **8**-495c.
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—, Simon de, Count of Toulouse **4**-848a; crusades **15**-764b; **7**-517d.
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—, Que., Can. [**24**-89 A3].
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— -en-Chalosse, Fr. [**24**-26 C4].
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—, J. M. **1**-468a.
—, Place (Square, Annonay) il. **1**-999.
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—, R. C. L. **8**-637c fol.
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—, Arnulf de **17**-458a.
— **GABRIEL, SEIGNEUR DE Lorges, Comte de 15**-765d; **7**-516c.
—, **JAMES 15**-766a.
—, Sir John **17**-502d.
—, John B. **19**-944c.
—, John J. (Am. inv.) **10**-428b; Pl. fig. 8 **10**-GLIDING.
—, Lucy M. **4**-716c.
—, Mary Anne **3**-940d.
—, **RICHARD 15**-766a; **1**-708a.
—, **ROBERT 15**-766b.
—, Roger de: *see* Shrewsbury.
—, dist., India **15**-766b.
—, co., Ala. [**24**-118 C3].
—, co., Ark. [**24**-120 B3].
—, co., Ga. [**24**-114 D4].
—, co., Ia. **24**-138 B3].
—, co., Ill. [**24**-126 C4].
—, co., Ind. [**24**-126 B2].
—, co., Kan. [**24**-142 G4].
—, co., Ky. [**24**-116 G2].
—, co., Md. [**24**-108 B1].
—, co., Miss. [**24**-119 C2].
—, co., Mo. [**24**-141 F3].
—, co., N.C. [**24**-112 F2].
—, co., N.Y. [**24**-103 F3].
—, co., O. [**24**-125 A4].
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—, co., Tas. [**24**-171 G9].
—, co., Tenn. [**24**-117 D1].
—, co., Tex. [**24**-123 G4].
—, co., Wales: *see* Montgomeryshire.
MONTGOMERY, Ala. [**24**-118 C3]; **15**-766c; aerial view Pl. fig. 2 **1**-ALABAMA; road map **1**-402.
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—, isl., W. Aus., Austr. [**24**-168 C2].
—, Treaty (1297) **23**-206b.
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— Center, Vt. [**24**-97 B2].
— City, Mo. [**24**-141 F3].
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— plot **4**-65e.
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Montgomery - Silfverstolpe, Malla **21**-657c.
MONTGOMERY WARD AND Co., Inc. (U.S.) **15**-768b.
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Monthly Anthology (Am. period.) **17**-514d.
Monthly Caricature Sheets (Eng. period.) **4**-868a.
Monthly Labor Review (U.S.) **6**-507d; **6**-507c.
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MONTHOLON, CHARLES T., marquis de **15**-768d.
Montholon, count (sol.) **16**-93c.
MONTH'S MIND (ceremony) **15**-768d.
Monthureux, Fr. [**24**-25 L3].
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—, Ia. [**24**-138 F2].
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—, Me. [**24**-96 E2].
—, Minn. [**24**-135 E6].
—, Miss. [**24**-119 B4].
—, Mo. [**24**-141 F1].
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—, N.Y. [**24**-102 F4].
—, S.C. [**24**-113 C2].
—, Utah [**24**-152 E5].
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—, Fr. [**24**-25 H4].
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— mitrailleuse (machine gun) **20**-805d.
Montigny-sur-Aube, Fr. [**24**-25 K4].
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—, bay, Pan. [**24**-158 H6]; **17**-168b.
— (battle 1644) **18**-280a.
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—, F. X. de Laval de **9**-866c.
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—, **ANNE**, duc de **15**-769c; **19**-826c; Francis I. **9**-666b; Guise **10**-974c; **9**-622d fol.; **5**-184c.
—, Charlotte de **6**-214b.
—, Mathieu de **23**-159d.
—, co., Mich. [**24**-130 G4].
—, co., Que., Can. [**24**-89 C2].
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—, riv., Que, Can. [**24**-89 C2].
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—-Bouteville, François Henri de, duke of Luxembourg: *see* Luxembourg.
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—, Antoine Philippe, duke of **14**-424a.
—, Charles, count of: *see* Bourbon.
—, Louis de Bourbon, count of **7**-73a.
—, Louis P. J., duke: *see* Orleans.
—, Suzanne, countess **1**-987a.
—, Alg. **3**-718d.
—, Fr. [**24**-27 G1].
Montpezat, Ardèche, Fr. [**24**-27 H3].
—, Tarn-et-Garonne, Fr. [**24**-26 E3].
Montpont, Fr. [**24**-25 L5].
Montrado, Bor. [**24**-72 C3]; **3**-909d.
Montréal, Fr. [**24**-26 F4].
—, Mo. [**24**-140 E4].
MONTREAL, Que., Can. [**24**-89 B3]; **15**-770c; Pl. fig. 5 **4**-CANADA; air base **1**-465b; capture by Eng. **20**-395b; furs **9**-938d; **4**-700c; poetry **4**-718a; sfeeple chasing **21**-371a; dike **19**-841a; univ. **22**-877c.
—, lake, Sask., Can. [**24**-91 E2].
—, riv., Mich. [**24**-130 A3].
— d'Albarno **6**-223d.
— draughts (game) **7**-624b.
—-du-Gers, Fr. [**24**-26 D4].
— Granary No. 3 (Can.) **10**-625c.
— Hunt (Can.) **11**-926a.
— Light, Heat and Power Co. (Can.) **8**-148c fol.
— Locomotive Works, Ltd. **1**-796a.
Montredon, Fr. [**24**-26 F4].
Montréjeau, Fr. [**24**-26 D4].
Montrésor, Paul Hippolyte de Beauvillier, comte de: *see* Saint Aignan, Paul Hippolyte.
Montrésor, Fr. [**24**-24 G4].
Montret, Fr. [**24**-25 L5].
MONTREUIL, GERBERT DE **15**-771d.
Montreuil, Jean de (fr. schol.) **17**-957c.
—-Bellay, Fr. [**24**-24 E4].
—-**SOUS-BOIS**, Fr. **15**-771d.
—-sur-Ille, Fr. [**24**-24 D3].
—-**SUR-MER**, Fr. [**24**-24 G1]; **15**-771d.
MONTREUX, Switz. [**24**-30 B4]; **15**-772a.
Montrevault, Fr. [**24**-24 E4].
Montrevel (Fr. marshal) **4**-666b.
—, Fr. [**24**-27 J1].
Montrichard, Fr. [**24**-24 G4].
Montromant, mt., Fr. **14**-530c.
Montrond, Fr. [**24**-27 H2].
MONTROSE, MARQUESSES and **Dukes of** **15**-772a.
MONTROSE, JAMES G., marquess of **15**-772b; **10**-738d; **11**-127a fol.
—, co., Colo. [**24**-147 B3].
—, Ariz. [**24**-149 D6].
—, Ark. [**24**-120 D4].
—, Colo. [**24**-147 C3].
—, Ga. [**24**-114 C4].
—, Ia. [**24**-138 F4].
—, Ill. [**24**-129 D4].
—, La. [**24**-121 B2].
—, Md. [**24**-108 B1].
—, Mich. [**24**-131 G6].
—, Minn. [**24**-135 E6].
—, Miss. [**24**-119 C3].
—, Neb. [**24**-139 A2].
—, Pa. [**24**-107 F2].
MONTROSE, Scot. [**24**-18 F5]; **15**-772d; **9**-507d fol.; **2**-979a.
—, S.Dak. [**24**-137 G3].
—, W.Va. [**24**-111 D2].
Montross, Va. [**24**-110 H2].
Montrosse, Mo. [**24**-140 D3].
Monts, Pierre de Guast, sieur de **5**-218b; **9**-922d; **19**-835d; **16**-570d; w. Maine **14**-689b fol.; **13**-589a.
Monts, point, Can. **19**-840c.
Mont St. Jean, Belg. [**24**-29 C4]; **23**-419b.
MONT ST. MICHEL, isl., Fr. [**24**-24 D3]; **15**-773a; **4**-889a fol.; **16**-494d; **6**-807a; Pl. VI. fig. 6 **9**-FRANCE; abbey of il. **14**-416d; fig. E **5**-842.
Mont Saint Michel and Chartres (Adams) **1**-153b; **1**-790b.
Mont St. Quentin, Fr. **1**-814b.
—-St.-Vincent, Fr. [**24**-27 H1].
Montsalvy, Fr. [**24**-26 F3].
Montsauche, Fr. [**24**-25 K4].
Montsec, mt., Fr. **19**-840a.
Montsech, mts., Sp. **2**-209c.
Montsecret, Fr. [**24**-24 E3].
Montserrat, Mo. [**24**-140 D3].
MONTSERRAT, isl., W.I. [**24**-157 F3]; **15**-773c; **13**-869b.
MONTSERRAT, mt., Sp. **15**-773c; **3**-103a; **3**-876a.
Montserrate, Sir Francis Cook, viscount: *see* Cook, Sir Francis.
Montserrate (palace, Port.) **5**-715b.
Montsioa (chief) **3**-288a fol.
Montsoult, Fr. [**24**-24 H2].
Monts-sur-Guesnes, Fr. [**24**-24 F5].
Montsurs, Fr. [**24**-24 E3].
Montt, Jorge **5**-496b fol.; **15**-774a.
—, **MANUEL** **15**-773d; **5**-495a.
—, **PEDRO** **15**-774a; **5**-496c.
—-Varistas (pol. faction, Chili.) **15**-774a; **5**-495a.
MONTUCLA, JEAN E. **15**-774b.
Montufar, J. P. **7**-943d.
—, **LORENZO** **15**-774b.
Montuori (comm.) **4**-815d fol.
Montvale, Va. [**24**-110 E3].
Montvalent, Fr. [**24**-26 E3].
Mont Vernon, N.H. [**24**-97 C4].
Montvicq, Fr. [**24**-27 F1].
Montville, Conn. [**24**-101 D2].
—, Mass. [**24**-98 A1].
—, Me. [**24**-96 C4].
—, N.J. [**24**-105 B2].
—, O. [**24**-124 D2].
MONTYON, ANTOINE J. B. R. A., Baron de **15**-774c.
— prizes **1**-83c.
Monumbo (lang.) **17**-241c.
Monument, Colo. [**24**-147 F2].
—, Kan. [**24**-142 A2].
—, N.Mex. [**24**-148 F6].
—, Oreg. [**24**-151 F3].
—, Tex. [**24**-122 D4].
—, Utah [**24**-152 B1].
—, mt., Mass. **10**-672c.
—, park, Utah **22**-909b fol.
Monument, val., Ariz. Pl. I. fig. 5 **2**-ARIZONA.
MONUMENT **15**-774c; steles, Gr. Pl. IV. **10**-GREEK ARCHITECTURE; Pl. I. figs. 1, 2 and 3 **1**-AFRICA; Pl. I. fig. 2 **23**-WASHINGTON, D.C.
Monument Act (1882, Eng.) **15**-775a.
Monumenta Danica (antiq., Worm.) **7**-32d.
Monumenta Germaniae historica (Pertz) **17**-625b; **10**-310b; **4**-811d.
Monumental brasses **4**-245a.
— city, The: *see* Baltimore, Md.
— effigies (sculp.): *see* Effigies, Monumental.
— sculpture **20**-209c.
Monumenta Ritual Ecclesiae Anglicanae **6**-71a.
Monument Beach, Mass. [**24**-99 D2].
— cactus: *see* Suwarro.
Monuments, National (U.S.): *see* National Parks and Monuments.
—, **PRESERVATION OF** **15**-774c.
Monumentum Ancyranum (tablets, Ancyra): *see* Ancyranum, Monumentum.
Monveda, Bel. Cong. [**24**-82 D2].
MONVEL (actor) **15**-777b.
—, Boutet de: *see* Boutet de Monvel.
Monvoisin, Catherine: *see* La Voisin.
Mon Wang (emp.) **13**-287d.
Monya, lake, Bel. Cong. [**24**-82 E4].
Monymusk, Scot. [**24**-19 F4].
Monywa, India [**24**-66 D2].
MONZA, It. [**24**-34 B2]; **15**-777c; **9**-65d; race track **15**-910d.
Monze, cape, India [**24**-65 B4].
Monzon, Sp. [**24**-33 G2]; **2**-210a; **11**-863a.
Monzoni, Aus. **10**-29b.
MONZONITE **15**-777d; **21**-698b.
Mooculta, Austr. [**24**-171 H3].
Mood (logic) (psych.) **14**-312b; **9**-144d.
Moodie, Susanna **4**-716b.
Moodies series (geol.) **18**-428a.
MOODKEE, India [**24**-65 C2]; **15**-778a; battle (1845) **12**-196a.
Moodus, Conn. [**24**-101 D1].
MOODY, DWIGHT LYMAN (Ryther) **15**-778a; **19**-241b.
—, Fanny **14**-816b.
—, **WILLIAM V.** **15**-778b; **1**-792b; **7**-612b.
—, co., S.Dak. [**24**-137 H3].
—, Ark. [**24**-120 D4].
—, Ind. [**24**-126 A2].
—, Me. [**24**-96 B5].
—, Mo. [**24**-141 F5].
—, N.Y. [**24**-103 F1].
—, Oreg. [**24**-151 D2].
—, Wash. [**24**-150 G3].
— Bible Institute (Chicago, Ill.) **9**-922b.
Moodyville, Tenn. [**24**-117 F1].
Mooers Forks, N.Y. [**24**-103 G1].
Mooga (worm): *see* Muga.
Mooi, riv., S.Af. **22**-921b; **22**-422b.
Mooleyville, Ky. [**24**-116 D2].
Mooltan, Brit. India: *see* Multan.
Moolum (measure): *see* Hat'h.
Moomin, riv., N.S.W., Austr. [**24**-171 J2].
Moon, William **3**-731c.
—, Ill. [**24**-128 D2].
—, S.Dak. [**24**-137 A3].
—, isl., Bol.: *see* Coati.
—, isl., Est.: *see* Muhumaa.
—, mts., Braz. [**24**-162 E3].
—, Mountains of the, Bel. Cong. **3**-344b.
MOON (astron.) **15**-778c; **2**-577c fol.; albedo **1**-518d; astrology **2**-575d fol.; calendar **4**-569a fol.; craters **23**-240b; earth movements **7**-831b; **10**-132c; eclipse **20**-425b; **7**-909c fol.; Egyptian religion **8**-59b fol.; equinoxes **18**-431b; halo: *see* Halo; Newcomb **16**-283c; photography **17**-834d fol.; tables **5**-93a; **8**-640a; **1**-155d; **15**-122d; terrestrial magnetism **21**-969d; tide generation **22**-196a; **6**-492a; time measurement **22**-227a; **4**-574b.
—, Temple of the (Scot.): *see* Stenness, Ring of.
— (palmistry) **17**-160c.
Moon (type) **3**-722a.
Moonaxs, Wash. [**24**-150 E5].
Moonba, lake, S.Aus. [**24**-170 E2].
Moonbi, Austr. [**24**-171 K3].
Moon-dial **7**-311c.
Mooney, William **21**-775d.
Mooney, Ind. [**24**-127 B4[.
MOON-FERN: *see* Moonwort.
Moonga worm: *see* Muga worm.
Moonie, riv., Queens., Austr. [**24**-169 C4].
Moonlight Head, cape, Vict., Austr. [**24**-170 F7].
Moon of the Mountain (gem) **6**-764b.
Moon Run, Pa. [**24**-106 A3].
Moons, N.Y. [**24**-102 A3].
—, O. [**24**-125 B4].
MOONSEED (bot.) **15**-782a.
Moon shell (mollusc) Pl. II. fig. 6 **15**-MOLLUSCA.
Moonshine, Ill. [**24**-129 E4].
Moon's lord (monument, Somnath): *see* Somnath.
Moonstone (arch.) **12**-218b.
MOONSTONE (min.) **15**-782b; *see also* Astrion.
Moonstone, The (nov., Collins) **16**-50b.
Moonta, Austr. [**24**-170 C5].
—, bay, Austr. [**24**-170 C5].
MOONWORT (MOON-FERN) **15**-782b.
Moör, Emanuel **13**-357d; **17**-900d; **16**-17b.
Moor, Joshua (Am.) **7**-64c.
—, Sir Ralph **16**-443a.
—, W. (Eng. navig.) **2**-292d.
—, Nev. [**24**-153 F1].
Moora, Austr. [**24**-168 B5].
Moorama, cr., Queens., Austr. [**24**-171 G1].
Moorby (phys.) **4**-628c.
MOORCROFT, WILLIAM **15**-782c; Tibet **22**-183d.
Moorcroft, Wyo. [**24**-146 H1].
Moordenaars, bay, N.Z.: *see* Massacre bay.
MOORE, ALBERT J. **15**-782d.
—, Sir Archibald **11**-396a fol.; **7**-500b.
—, Bernard **18**-360b.
—, C. C. **5**-475d.
—, D. McFarlan **14**-109a.
—, E. A. **5**-894d.
—, **EDWARD** (Eng. dram.) **15**-782d.
—, E. H. (math.) **10**-912a.
—, Elizabeth Dyke **15**-785c.
—, E. S. (chem.) **5**-871d.
—, Frances (au.): *see* Brooke, Frances.
—, Francis (astron.) **1**-668d.
—, G. E. (Brit. philos.) **8**-778c; **17**-757d.
—, **GEORGE** **15**-783a; **8**-599b; **12**-637d; **2**-783d; **7**-610d.
—, **GEORGE F.** **15**-783c.
—, G. T. **3**-944b.
—, **HENRY** **15**-783c.
—, H. J. **15**-930d.
—, H. L. (econ.) **7**-178a.
—, James (au.) **15**-784d.
—, James (pol.) **21**-86b.
—, John (bp.) **5**-767a; **4**-767a.
—, **SIR JOHN** (Brit. gen.) **15**-783d; **1**-579c; **10**-679c; Peninsular War **17**-466a; tactics **21**-747a; **12**-329c.
—, **JOHN** (physic.) **15**-784d.
—, **JOHN B.** (jur.) **15**-785a.
—, John C. (paint.) **15**-782d.
—, Mary **23**-825c.
—, R. C. (Am. bp.) **18**-612c.
—, **THOMAS** (Ir. poet) **15**-785a; **12**-637a; **1**-860c.
—, **THOMAS S.** (Eng. au.) **15**-786b; **8**-600c; **18**-111c.
—, T. S. **1**-818d.
—, V. A. **6**-444a.
—, W. C. **1**-819b.
—, William **15**-782d.
—, co., N.C. [**24**-112 F2].
—, co., Tenn. [**24**-117 E2].
—, co., Tex. [**24**-122 D2].
—, Ark. [**24**-120 C2].
—, Ida. [**24**-145 E6].
—, Ill. [**24**-129 C6].
—, Miss. [**24**-119 A2].
—, Mont. [**24**-144 D2].
—, Neb. [**24**-139 C3].
—, N.J. [**24**-105 B2].
—, Okla. [**24**-143 F3].
—, S.C. [**24**-113 C2].
—, Wash. [**24**-150 E2].
—, Wis. [**24**-132 C3].
—, W.Va. [**24**-111 D2].
—, lake, W.Aus., Austr. [**24**-168 B4; **24**-192 A2].
—, reefs, Queens., Austr. [**24**-169 C2].
—, riv., Austr. [**24**-168 A5].
Moorea, isl., Tahiti [**24**-176 A2]; **17**-14b.
Moore and Head pulley block (mech.) fig. 6 **18**-761.
Moorefield, Ark. [**24**-120 D2].
—, Ind. [**24**-127 C4].
—, Ky. [**24**-116 G2].
—, Neb. [**24**-139 D4].
—, O. [**24**-124 D3].
—, W.Va. [**24**-111 E2].
—, riv., W.Va. [**24**-111 D3].
Moore Haven, Fla. [**24**-115 G5].
Mooreland, Ind. [**24**-126 C3].
Moore's Bluff, Ala.: *see* Selma.
Moores Bridge, Ala. [**24**-118 M2].
Mooresbury, Tenn. [**24**-117 H1].
Moores Creek, Ky. [**24**-116 G3].
— Creek, N.C. **16**-157a; battle (1776) **16**-525a.
Moore's Landing, Ala.: *see* Selma.
Moores Mill, N.Y. [**24**-102 G4].
Moores Mills, Ind. [**24**-127 C3].
Moorestown, Mich. [**24**-131 F5].
Moorestown, N.J. [**24**-105 B3].
Mooresville, Ind. [**24**-127 B3].
—, Mo. [**24**-140 D2].
—, N.C. [**24**-112 E2].
Moore Town, Jam. [**24**-157 C3].
Moorewood, Okla. [**24**-143 D3].
Moorfoot, hills, Scot. [**24**-19 E6]; **15**-457d.
Moorfields, Eng.: *see* Finsbury.
Moorhead, Ia. [**24**-138 B3].
MOORHEAD, Minn. [**24**-134 B5]; **15**-786b.
—, Miss. [**24**-119 B2].
—, Mont. [**24**-144 F3].
Moorheadville, Pa. [**24**-106 B1].
MOOR-HEN (bird) **15**-786c.
Moorhouse, James **14**-775c.
Moorhouse, Eng. [**24**-13 A3].
Moorina, Tas. [**24**-171 H8].
MOORING MAST: *see* Aerodrome.
Moorings, Va. [**24**-110 H3].
— (engin.) fig. 5 **7**-642.
Mooringsport, La. [**24**-121 A1].
Moor Lake, Ont., Can. [**24**-90 D1].
Moorlands (geol.) **20**-140b.
Moor Log, North S. [**24**-177 H3].
Moorman, Ky. [**24**-116 C3].
Moorna, Austr. [**24**-170 E5].
Moorook irrigation scheme (Austr.) **12**-691a.
Moor Park, Surrey, Eng. il. **13**-665b.
MOORS (people) **15**-786c; Pl. IV. fig. 4 **1**-AFRICA; **1**-300d; **9**-831b; **15**-815d; **1**-672a; Boabdil **3**-759c; Hellenism **11**-408c; inquisition **22**-304c; philosophy **17**-749b; piracy **17**-951b; playing cards **4**-857d; Portugal **18**-274b fol.; pottery **18**-346a; Tours **22**-329a.
— (land) **20**-142c.
Moorshead machine **3**-955a fol.
Mooruk (bird) **4**-976c.
Moorumbine, Austr. [**24**-168 B5].
Moorva hemp **9**-214b; **11**-421a.
Moos (people) **12**-259c; **13**-362a.
Moosbach, Ger. [**24**-39 H4].
Moose, Wyo. [**24**-146 B2].
—, cr., Sask., Can. [**24**-91 F4].
—, hills, Sask., Can. [**24**-91 D2].
—, lake, Man., Can. [**24**-91 G3].
—, lake, Sask., Can. [**24**-91 E2].
—, mt., N.B., Can. [**24**-88 B2].
—, mts., Sask., Can. [**24**-91 F4]; **20**-3a.
—, riv., Alta., Can. [**24**-91 C2]; **4**-691a.
—, riv., Me. [**24**-96 B3].
—, riv., N.Y. [**24**-103 E2].
— (swamps) **10**-233d.
MOOSE (animal) **15**-786d; **3**-555a; **7**-135d; Pl. III. fig. 1 **22**-UNITED STATES.
—-calling (sport) **8**-367a.
— City, Ida. [**24**-145 C3].
— Creek, Ont., Can. [**24**-90 E2].
Moosehead, Me. [**24**-96 C3].
—, lake, Me. [**24**-96 C3]; **14**-686c.
Mooseheart, Ill. [**24**-128 D2].
Moose Hill, (bird) **3**-639b.

Moose Island, Me. 7-876c.
— Island, Minn. [24-135 B6].
— Jaw, Sask., Can. [24-91 E3].
— Jaw, cr., Sask., Can. [24-91 E3].
MOOSEJAW, Sask., Can. 15-786d; Pl. fig. 4 4-CANADA.
Moose Lake, Minn. [24-134 F5].
Mooselookmegantic, lake, Me. [24-96 B4].
Mooseluck Stream, riv., Me. [24-96 D2].
Moose Pond, lake, Me. [24-96 C4].
Moose River, Me. [24-96 B3].
Moosewood maple: *see* Striped maple.
Moosheim, Ger. [24-39 H5].
Moosic, Pa. [24-107 F2].
Moosomin, Sask., Can. [24-91 F3].
Moosup Valley, R.I. [24-100 A3].
Moot, hill, Perths., Scot. 20-135d.
MOOT (assembly) 15-786d.
Mootwingee, co., Austr. [24-170 E3].
Mop (fair, Eng.) 9-35d.
Mopane (tree) in S.Af. 21-46d.
Mopang, lake, Me. [24-96 D4].
Mopeia, Port. E.Af. [24-81 F1].
Moph, Egy.: *see* Memphis.
Mophia, isl., Pac.O. 14-391d.
MOPLAH (rel. sect) 15-786d; 12-158a; 4-558d fol.; 14-613c.
Mopoi, Fr. Equat. Af. [24-82 E1].
Moppett, W. 23-846b.
Mopsuestia, Asia M. 5-705d.
MOPSUS (myth.) 15-786d; 4-546a; 1-842c.
Mopti, Fr.Sud. [24-80 D3].
Moqtasim (Moham. caliph) 1-12a.
Moqua, Wis. [24-132 B3].
MOQUEGUA, prov., Peru [24-102 C7]; 15-787a; 17-629d.
—, Peru [24-102 C7]; 15-787a; 17-629d.
—, riv., Peru 15-787a.
Moquette carpet 19-629a.
Moqui, Ariz. [24-149 E3].
— (tribe): *see* Hopi.
Moquist, Nev. [24-153 A3].
Moquoketa, Ia. [24-138 G2].
Mor, Anterony: *see* Moro, Antonio.
Mór, Hung. [24-51 F3].
Mor, riv., India [24-66 B2]; 3-622b.
Mora, Alberto de: *see* Gregory VIII. (pope).
—, Juan Gomez de 20-694c.
—, co., N.Mex. [24-148 E2].
—, Ariz. [24-149 F7].
—, Camer., W.Af. 4-665a, c.
—, Ida. [24-145 B6].
—, La. [24-121 B2].
—, Minn. [24-135 E6].
—, Mo. [24-140 D3].
—, N.Mex. [24-148 D3].
—, Port. [24-32 B3].
—, Teruel, Sp. [24-33 F2].
—, Toledo, Sp. [24-32 E3].
—, mt., N.Mex. [24-148 D2].
— (timber) 10-955c.
MORACEAE (bot.) 15-787a; 22-884a; *see also* Cow-tree; Mulberry.
Moradabad, dist., India 15-787c.
MORADABAD, India [24-65 D3]; 15-787c; brassware 4-250b.
Moradal, mts., Port. [24-32 C3].
Morada Nova, Braz. [24-164 A4].
MORAES, FRANCISCO DE 15-787c.
— Barros, P. de 4-59b.
Moraine, N.Y. [24-102 C3].
MORAINE (geol.) 15-787d; erosion agent 10-160c; glaciers 10-381d; lake 10-164b; tarns 20-141a.
Moral, falls, Scot. 12-548c.
— conduct (ethics) 8-760d; 11-377c.
MORALE IN WAR: *see* Army, morale in war.
Morales, Ambrosio de 21-158b.
—, **LUIS DE** 15-787d.
—, Ariz. [24-149 E7].
—, Tex. [24-123 F5].
MORALITY, PRIMITIVE 15-788a.
—, sanction of: *see* Sanction of Morality.
Morality play (drama) mediaeval 7-587c fol.; Dutch 7-615d; French 9-781c.
MORAL SENSE: *see* Ethics, History of; *see also* atonement 2-652d; ethics 17-762b; free-will 9-748d; intuitionism 8-760b; laws 6-282a; of philosophy 11-381d; religion 6-157c; 18-420c; sin 20-702b; social 6-157b; technology 11-477c.
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— Grove, Va. [24-110 E2].
Mountain Home, Ala. [24-118 B1].
— Home, Ark. [24-120 C1].
— Home, Ida. [24-145 C6].
Mountainhome, Pa. [24-107 F2].
Mountain Home, Tex. [24-123 E4].
— Lake, Minn. [24-135 D8].
— Lake Park, Md. [24-108 A1].
— Lakes, N.J. [24-105 B2].
— Mills, Vt. [24-97 B4].
— Peak, Okla. [24-143 E4].
— Rest, S.C. [24-113 A2].
— Badakshan, Autonomous Area, U.S.S.R. 21-759c.
— bluebird 3-755d.
— bushbuck 2-23b.
— camel: *see* Guanaco.
— chickadee 5-460c.
— climate 5-817a; 5-819c; 5-823a.
— clintonia 5-830d.
— cock: *see* Capercaillie.
— core 3-202c.
— cork 2-496c.
— cranberry: *see* Cowberry; Red whortleberry.
Mountaine, Didymus 13-664b.
MOUNTAINEERING 15-929c; 2-792a; 2-8a.
Mountain-folding: *see* Fold.
Mountain gorilla 10-531c; Pl. II. fig. 5 18-PRIMATES.
— grassland 17-860a.
— grouse: *see* White-tailed ptarmigan.
— hare 1-698a; 6-71d; *see also* Blue hare.
— hemlock 11-420c.
— holly 11-676b.
— lady's mantle 13-585a.
— lady's-slipper 16-850a.
— larkspur 7-175b.
— **LAUREL** 15-932d.
— leather 2-496c.
— limestone 4-841c.
— linnet 14-165c.
— lion: *see* Puma.
— magnolia 14-672c.
— maple 14-852b.
— mint 15-581d.
— Mother: *see* Great Mother of the Gods.
— Nayla Pl. fig. 7 2-ANTELOPE.
— of the North: *see* Baal-Zephon.
— pine 22-630b.
— Rhododendron Pl. IV. fig. 2 9-FLOWER PAINTING.
— rosebay: *see* Catawba rhododendron.
— sheep 20-474a fol.
— shrimp 14-704d.
— **SICKNESS**: *see* Anoxaemia.
Mountains of the Moon, Af. 16-455c.
Mountain soils 19-691b.
— sorrel 18-183c fol.

Mountain sparrow: *see* Tree sparrow.
—spectres **11**-110d.
— **SPINACH**: *see* Orache.
Mountain Sylph (Barnett) **3**-123d.
Mountain tallow: *see* Hatchettite.
— Tatars **21**-833a.
— tea **23**-659c.
— time **22**-224b.
Mountain View, Ark. [**24**-120 C2].
—, Mo. [**24**-141 F5].
Mountainview, N.H. [**24**-97 C3].
Mountain View, N.Y. [**24**-103 F1].
—, Okla. [**24**-143 E3].
Mountainview, Wyo. [**24**-146 B4].
Mountain violet **23**-174d.
— **WARFARE** **15**-932d.
— wind-flower **1**-919b.
— wood **2**-496c.
Mount Airy, Md. [**24**-108 B1].
MOUNT AIRY, N.C. [**24**-112 E1]; **15**-936d.
—, N.J. [**24**-105 B2].
Mountairy, Tenn. [**24**-117 F2].
Mount Albert, N.Z. **2**-670a.
— Alison Univ. (Can.) **22**-877c.
— Alton, Pa. [**24**-106 C2].
— Andrew, Ala. [**24**-118 D4].
— Angel, Oreg. [**24**-151 C2].
— Arlington, N.J. [**24**-105 B2].
— Athos (Gr.) **15**-570d.
— Auburn, Ia. [**24**-138 E2].
— Auburn, Ill. [**24**-128 C4].
— Auburn, Ind. [**24**-127 C3].
— Ayr, Ia. [**24**-138 C4].
— Ayr, Ind. [**24**-126 A2].
— Barker, Austr. [**24**-168 B5].
MOUNTBATTEN **15**-937a.
Mount Bellew [**24**-20 C3].
— Bethel, Pa. [**24**-107 F3].
— Beuvray, Fr.: *see* Bibracte.
— Blanchard, O. [**24**-124 B3].
— Blue, Mass. [**24**-99 D1].
— Braddock, Pa. [**24**-106 B4].
— Calvary, N.J. [**24**-105 B3].
Mount Calvary (Cornish): see *Passion of Our Lord*.
Mount Calvert, Md. [**24**-109 C2].
Mount Carmel, Conn. [**24**-101 C2].
MOUNT CARMEL, Ill. [**24**-129 E5]; **15**-937a.
— Carmel, Ky. [**24**-116 G2].
— Carmel, Mo. [**24**-141 F2].
— Carmel, N.Dak. [**24**-136 F1].
— **CARMEL**, Pa. [**24**-107 E3]; **15**-937a.
— Carmel, S.C. [**24**-113 B2].
— Carmel, Utah [**24**-152 B5].
— Carroll, Ill. [**24**-128 C1].
Mountcastle, Lord: *see* Abercorn, 8th earl.
Mount Clare, W.Va. [**24**-111 C2].
— **CLEMENS**, Mich. [**24**-131 H7]; **15**-937a.
— Comfort, Ind. [**24**-126 C3].
— Cory, O. [**24**-124 B2].
— Cuba, Del. [**24**-109 D1].
— Cuthbert, Queens., Austr. [**24**-169 A2].
— Desert, Me. [**24**-96 D4].
MOUNT DESERT ISLAND, Me. [**24**-96 D4]; **15**-937b; **14**-894b.
— Dome, Calif. [**24**-154 C2].
— Douglas, Queens., Austr. [**24**-169 C3].
— Eaton, O. [**24**-124 D3].
Mountebanks, The (Gilbert and Cellier) **5**-97a.
Mounted battalions **8**-452a.
Mount Eden, N.Z. **2**-670a.
Mount-Edgecumbe, George Edgecumbe, earl of **7**-954d.
Mount Edgcumbe, Corn., Eng. **7**-292a.
— Emu, plains, Queens., Austr. [**24**-169 B3].
— Emu Creek, riv., Vict., Austr. [**24**-170 F6].
— Enterprise, Tex. [**24**-123 G4].
— Ephraim, N.J. [**24**-105 A3].
— Ephraim, O. [**24**-125 D4].
— Erebus Pl. fig. 3 **1**-ANTARCTIC REGIONS.
— Erie, Ill. [**24**-129 D5].
— Etna, Ia. [**24**-138 C3].
— Etna, Ind. [**24**-126 C2].
— Everard, Brit. Gui. **10**-958c.
Mountfair, Va. [**24**-110 F2].
Mount Field range (Austr.) **10**-7a.
Mountflorence, John Cole, baron **8**-613c.
Mountford, G. H. **16**-4d.
Mountforest, Mich. [**24**-131 G6].
Mount Forest, Ont., Can. [**24**-90 B3].
MOUNTFORT, WILLIAM **15**-937b; **3**-999a.
Mount Freedom, N.J. [**24**-105 B2].
— Garnet, Queens., Austr. [**24**-169 C2].
Mountgarret (fam.) **4**-462a.
—, Richard Butler, 1st viscount **16**-913c.
Mount Gilboa, (battle) **20**-11c.
— Gilead, O. [**24**-124 C3].
— Grace (charter-house) (Eng.) **1**-19d.
— Hamill, Ia. [**24**-138 F4].
— Hampden, S.Rhod. [**24**-81 E1].
— Healthy, O. [**24**-125 A4].
— Hebron, Calif. [**24**-154 C2].
— Herbert, co., N.Z. [**24**-173 D5].
— Hermon, Mass. [**24**-98 B1].
— Hermon School (Mass.) **15**-778b.
— Holly, Ark. [**24**-120 C4].
— Holly, N.J. [**24**-105 B3].
— Holly, S.C. [**24**-113 D3].
— Holly, Vt. [**24**-97 B3].
— Holly, Springs, Pa. [**24**-107 D3].
— **HOLYOKE COLLEGE**, Mass. **15**-937b; **14**-529a.
— Hood, Oreg. [**24**-151 D2].
— Hope, Ala. [**24**-118 B1].
— Hope, Kan [**24**-142 E4].
— Hope, Mass. **9**-57d.
— Hope, N.J. [**24**-105 B2].
— Hope, N.S.W., Austr. [**24**-171 G4].
— Hope, O. [**24**-124 D3].
— Hope, Wis. [**24**-133 C7].
— Hope, bay, R.I. [**24**-100 D3]; **19**-254c.
— Hope, riv., Conn. [**24**-101 D1].
— Horeb, Wis. [**24**-133 D6].
— Ida, Ark. [**24**-120 B3].
— Ida, Wis. [**24**-133 C7].
— Idaho, Ida. [**24**-145 B4].
Mounting (ordnance) **16**-867b.
— (telescope) **21**-907d.
Mount Iron, Minn. [**24**-134 F4].
— Isa, Queens., Austr. **2**-724d fol.
— Jackson, Pa. [**24**-106 A3].
— Jackson, Va. [**24**-110 F2].
— Jewett, Pa. [**24**-106 C2].
Mountjoy, Charles Blount, 8th lord, earl of Devonshire: *see* Devonshire.
—, Charles Blount, lord, earl of Devon: *see* Devon.
Mount Joy, Ia. [**24**-138 G3].
— Joy, Pa. [**24**-107 E3].
— Judea, Ark. [**24**-120 B2].
— Juliet, Tenn. [**24**-117 E1].
— Kisco, N.Y. [**24**-102 G4].
— Lavinia, Cey. **6**-38c.
— Leonard, Mo. [**24**-140 D2].
— Levi, Ark. [**24**-120 B2].
— Liberty, Ind. [**24**-127 B3].
— Lister Pl. fig. 1 **1**-ANTARCTIC REGIONS.
— Lookout, W.Va. [**24**-111 C3].
— Lyndhurst Station, Austr. [**24**-170 D3].
— McKinley, natl. park, Alsk. [**24**-156 K5]; **1**-500a; **16**-155b.
— Margaret, dist., W.Austr. **23**-529c.
— Margaret, W.Aus. [**24**-168 C4].
— Margaret, goldfield, W. Aus. [**24**-168 C4].
— Marion, N.Y. [**24**-103 G3].
— Mary, S.Aus., Austr. [**24**-170 D5].
Mountmaurice, Hervey de **9**-336a fol.
MOUNTMELLICK, Ire. [**24**-20 D3]; **15**-937c.
Mount Montgomery, Nev. [**24**-153 B5].
— Morgan, Queens., Austr. [**24**-169 D3].
— Morgan, W.Aus. [**24**-168 C4].
— Moriah, Ark. [**24**-120 B4].
— Moriah, Mo. [**24**-140 D1].
— Morris, Ill. [**24**-128 C1].
— Morris, Mich. [**24**-131 H6].
— Morris, N.Y. [**24**-102 C3].
— Morris, Pa. [**24**-106 A4].
— Mourne, N.C. [**24**-112 E2].
— Nebo, Pa. [**24**-107 E4].
Mountnorris, lord **21**-447b.
Mount Nugent, Ire. [**24**-20 D3].
— of God, mt., Pal.: *see* Horeb.
Mount of Olives (Beethoven) **2**-870d.
Mount Olive, Ark. [**24**-120 C2].
— Olive, Ill. [**24**-129 C4].
— Olive, Ind. [**24**-127 B4].
— Olive, Miss. [**24**-119 C4].
— Olive, N.C. [**24**-112 G2].
— Olive, O. [**24**-125 A5].
— Olivet, Ky. [**24**-116 F2].
— Olympus, natl. monument, Wash. [**24**-150 B3]; **16**-157b.
— Orab, O. [**24**-125 B4].
— Pearl, Colo. [**24**-147 H3].
— Perry, O. [**24**-125 C4].
— Perry, Queens., Austr. [**24**-169 D4].
— Pinson, Ala. [**24**-118 C2].
— Pisgah, Ark. [**24**-120 D2].
— Pisgah, Ky. [**24**-116 F4].
— Pleasant, Del. [**24**-109 D1].
— Pleasant, Ia. [**24**-138 F4].
— Pleasant, Ill. [**24**-129 C6].
— Pleasant, Mass. [**24**-99 D2].
— Pleasant, Md.: *see* Frostburg.
— **PLEASANT**, Mich. [**24**-131 G6]; **15**-937c.
— Pleasant, Miss. [**24**-119 C1].
— Pleasant, N.Y. [**24**-103 F3].
— **PLEASANT**, Pa. [**24**-106 B3]; **15**-937c.
— Pleasant, S.C. [**24**-113 E4].
Mountpleasant, Tenn. [**24**-117 D2].
MOUNT PLEASANT, Tex. [**24**-123 G3]; **15**-937c.
— Pleasant, Utah [**24**-152 C3].
— Pleasant Mills, Pa. [**24**-107 D3].
— Pocono, Pa. [**24**-107 F2].
— Prospect, Ill. [**24**-128 E1].
Mountrail, co., N.Dak. [**24**-136 B1].
Mount Rainier, natl. park, Wash. [**24**-150 D4]; **18**-954d; **16**-155a.
Mountrath, Ire. [**24**-20 D3].
Mount Rock, Pa. [**24**-107 D3].
— Roszell, Ala. [**24**-118 B1].
— Royal, mts., N.S.W., Austr. [**24**-171 K4].
— Royal (park, Can.) **15**-770d.
— Royal (tunnel, Can.) **22**-567d.
Mount's, bay, Corn., Eng. [**24**-17 A4]; **19**-848a.
Mount St. Agnes (monastery) **12**-110b.
Mount St. Charles College (Mont.) **11**-393c.
— St. Joseph College (Ia.) **7**-703d.
— St. Mary College (Eng.) **23**-38b.
— St. Mary's College (Md.) **8**-398c.
— St. Michael: *see* St. Michael's Mount.
— St. Vincent, N.Y. [**24**-104 E2].
— Salem, Ky. [**24**-116 F3].
— Savage, Md. [**24**-108 A1].
Mountshannon, Ire. [**24**-20 C4].
Mount Sharon, Ky. [**24**-116 C4].
— Sherman, Ky. [**24**-116 E3].
— Sion (abbey, Pal.) **6**-781d.
Mountsorrel, Leics., Eng. [**24**-14 B3].
Mount Souk, Af. **10**-341b.
Mountstephen, George Stephen, baron **4**-708c.
Mount Sterling, Ala. [**24**-118 A3].
— Sterling, Ia. [**24**-138 F4].
— Sterling, Ill. [**24**-128 B4].
— Sterling, Ky. [**24**-116 G2].
— Sterling, Mo. [**24**-141 F3].
— Sterling, O. [**24**-125 B4].
— Sterling, Wis. [**24**-133 C6].
Mount Storm, W.Va. [**24**-111 D2].
— Summit, Ind. [**24**-126 C2].
— Tabor, Pa. [**24**-107 D3].
— Tabor, S.C. [**24**-113 C2].
— Tabor, Wis. [**24**-133 C6].
Mount Tabor, battle of (1799) **5**-70b.
— Talbot, Ire. [**24**-20 C3].
— Tom, Mass. [**24**-98 B1]; **7**-868d.
— Trumbull, Ariz. [**24**-149 B2].
— Union, Ala. [**24**-118 C4].
— Union, Ia. [**24**-138 F3].
— **UNION**, Pa. [**24**-106 D3]; **15**-937d.
— Union Coll. (Ohio) **1**-652a.
— Upton, N.Y. [**24**-103 E3].
Mount Valerian beacon (signal) **3**-246d.
Mount Valérien (lighthouse, Fr.) **14**-91a.
Mount Vernon, Ala. [**24**-118 A4].
— Vernon, Colo. **6**-47c.
— Vernon, Ga. [**24**-114 D4].
MOUNT VERNON, Ia. [**24**-138 F3]; **15**-937d.
MOUNT VERNON, Ill. [**24**-129 D5]; **15**-937d.
MOUNT VERNON, Ind. [**24**-127 A5]; **15**-937d.
— Vernon, Ky. [**24**-116 F3].
— Vernon, Md. [**24**-109 D2].
— Vernon, Me. [**24**-96 C4].
— Vernon, Mo. [**24**-140 D4].
MOUNT VERNON, N.Y. [**24**-102 G5]; **15**-938a.
MOUNT VERNON, O. [**24**-124 C3]; **15**-938a.
— Vernon, Ont., Can. [**24**-90 B3].
— Vernon, Oreg. [**24**-151 F3].
— Vernon, Pa.: *see* Waynesboro.
— Vernon, S.Dak. [**24**-137 F3].
— Vernon, Tenn. [**24**-117 G2].
— Vernon, Tex. [**24**-123 G3].
MOUNT VERNON, Va. [**24**-110 G2]; **15**-938b; Washington home **11**-813b; Pl. fig. 5 **23**-WASHINGTON, GEORGE; Pl. VI. fig. 6 **22**-UNITED STATES.
— Vernon, Wash. [**24**-150 C2].
— Vernon, Wis. [**24**-133 D7].
— Vernon School (Boston) **1**-22c.
— Vernon School (New York) **1**-22c.
— Victory, Ky. [**24**-116 F3].
— Victory, O. [**24**-124 B3].
Mountview, W.Va. [**24**-111 C4].
Mountville, Pa. [**24**-107 E3].
—, S.C. [**24**-113 C2].
Mount Vision, N.Y. [**24**-103 E3].
— Washington, Ky. [**24**-116 E2].
— Washington, Mass. [**24**-98 A1].
— Washington, Md. [**24**-109 C1].
— Washington, N.H. [**24**-97 C2].
— Whittier, N.H. [**24**-97 C3].
— Wilson (observatory, Calif.) **17**-805d; **17**-847c; **12**-473c; Pl. **21**-SPECTROHELIOGRAPH; telescope **21**-908a; Pl. fig. 7 **21**-TELESCOPE.
— Wolf, Pa. [**24**-107 E3].
— Wollaston, Mass.: *see* Merry Mount.
—Zion, Ia. [**24**-138 F4].
— Zion, Ind. [**24**-126 C2].
— Zion, Pa. [**24**-107 E3].
Moura, Braz. [**24**-162 E4].
—, Port. [**24**-32 C3].
—, riv., Ont., Can. [**24**-90 D2].
Mouramba, co., N.S.W., Austr. [**24**-171 G4].
Mourao, Port. [**24**-32 C3].
Moureaux, T. **7**-837d; **14**-670a.
Moureu (Fr. chem.) **21**-173b.
Mourier, L. A. **2**-298b.
Mouries, Fr. [**24**-27 H4].
Mourmelon-le-Grand, Fr. [**24**-25 K2].
Mourmelon-le-Petit, Fr. [**24**-25 K2].
Mourne, mts., N. Ire. [**24**-20 E2; **24**-177 C3]; **7**-563b; **12**-593d.
—, riv., N. Ire. [**24**-20 D2].
MOURNING: *see* Funeral Rites.
Mourning Bride, The (Congreve) **6**-255c; **7**-602b.
Mourning Bush, The (club) **5**-859a.
— Cloak (zool.) Pl. II. fig. 8 **13**-LEPIDOPTERA.
— Dove **7**-559b.
— Women, Tomb of Sidon **10**-816b.
Mourquong, N.S.W., Austr. [**24**-170 F5].
Mouru, U.S.S.R.: *see* Merv.
Mourzoufle (Mourzouphle): *see* Alexius V.
Mousa, isl., Scot. **20**-502a.
Mousagetēs (Apollo) **2**-110d.
Mouscron, Belg. [**24**-29 B4]; **9**-810d.
Mouse (Souris), riv., N.Dak. [**24**-136 C1].
MOUSE **15**-938c; **11**-308b; **20**-415d; **4**-785d.
— **-BIRD** **15**-938d.
— -deer: *see* Chevrotain.
— -ear chickweed **5**-461d; **4**-957b.
— -hare: *see* Pica.
Mousehold, heath, Norf., Eng. **13**-354c.
Mouse lemur **18**-486a.
— mill **8**-144b.
Mousetail, Tenn. [**24**-117 C2].
— (bot.) **18**-980a.
Mouse-tailed bats **5**-598c.
— trap **22**-433c.
— Water, riv., Scot. **13**-636a.
Mousket, Philippe **5**-255b.
"Mousquet" (ship) **23**-779c.
Mousquetaire, Le **7**-726a.
Mousse (ford) **12**-40a.
Moussorgsky, Modeste P. **20**-992d; **16**-15a; **19**-311a.
MOUSTACHE (MUSTachio) **15**-939a; **3**-258a.
MOUSTERIAN **15**-939a; **2**-238a fol.; **9**-383c; **1**-311d.
Moustier, Le, cave, Fr. **15**-939a.
Moustiers, Fr. [**24**-27 K4]; **18**-348a.
Mouswald, Scot. [**24**-12 A2].
Moutan: *see* Tree paeony.
Moutarde des Allemands: *see* Horseradish.
MOUTH AND SALIVARY Glands **15**-939a; Pl. III. **7**-DRAWING; il., **17**-696; **20**-743d; **23**-98c; **23**-101d; cancer **4**-731d; digestion **16**-648d; fishes **9**-307a.
—, **DISEASES OF** **15**-940b.
Mouthcard, Ky. [**24**-116 H3].
Mouthe, Fr. [**24**-27 K1].
Mouth-organ: *see* Aeolina.
Mouthoumet, Fr. [**24**-26 F5].
Moutier, Switz. [**24**-30 C2].
— -d'Ahun, Fr. **6**-688a.
Moutiers, Fr. [**24**-27 K2].
Moutoa (gardens, N.Z.) **23**-320d.
Mouton, port, N.S., Can. [**24**-88 E5].
— pt., N.S., Can. [**24**-88 E5].
Moutwyn (liquor) **10**-357b.
Mouvaux, Fr. **9**-810d fol.
Mouzon, Fr. [**24**-25 L2].
Movable feasts (rel.): *see* Feasts, movable.
— kidney **22**-897d; **22**-901a.
— property (Scots law) **17**-614b.
— Property Income Tax (It.) **12**-140d.
— types **5**-574a.
— weirs **23**-489a.
Movar, India **11**-17d.
Movement (drawing) **7**-627a.
— (mus.) **20**-977a.
— (phys.) **4**-270a fol.
— (physiol.) **3**-592c; **12**-292c; **3**-772d; **3**-592c.
Movements (Sergeyev-Tsensky) **19**-755d.
Movies: *see* Motion Pictures.
Moville, Ia. [**24**-138 A2].
MOVIMAN (tribe) **15**-940c.
Moving advertisements **1**-199a.
— clusters **21**-325b.
— coil (instru.) **12**-439a fol.
— coil galvanometer **12**-435a fol.
— magnet (instru.) **12**-438d fol.
— needle galvanometer **12**-435a fol.
— pictures: *see* Motion Pictures.
Mowaffaq **8**-80a fol.
Mowat, Sir Oliver **16**-797b.
—, Ont., Can. [**24**-90 B2].
Mowata, La. [**24**-121 B3].
MOWBRAY (fam.) **15**-940d; **14**-147a; **16**-565b; **7**-264b.
—, **HARRY S.** **15**-941a.
—, Henry Howard, lord **15**-941a.
—, John, earl of Nottingham: *see* Nottingham.
—, John, earl of Surrey and duke of Norfolk: *see* Norfolk.
—, Sir John de **7**-551a; **15**-940d.
—, Robert, earl of Northumberland: *see* Northumberland.
—, Roger (of Axholme) **14**-147a.
—, Thomas, duke of Norfolk: *see* Norfolk.
—, N.Dak. [**24**-136 F1].
—, Vale of, Yorks., Eng. **22**-136a.
— and Segrave, Alfred J. Stourton, lord **15**-941a.
"Möwe" (warship) **15**-536b; **20**-556d fol.
Moweaqua, Ill. [**24**-129 C4].
Mower, co., Minn. [**24**-135 F8].
Mowersville, Pa. [**24**-107 D3].
Mowinckel, S. **18**-663a fol.
Mowing machine **11**-232c; **11**-282b; **19**-7b.

Mowling Rockhole, S.Aus. [24-170 A3].
Mowlson, Ann Radcliffe: *see* Radcliffe, Ann.
Mowrystown, O. [24-125 B4].
Moxa, Braz.: *see* Oerias.
— (Moxalie) (Rum. trans.) 19-654c.
Moxee City, Wash. [24-150 E4].
Moxico, dist., Ang. [24-82 D5].
Moxley, Ga. [24-114 D4].
—, Ky. [24-116 E2].
Moxos (S.Am. Ind.) 2-216d.
Moy, Thomas Pl. II. fig. 3 1-AERONAUTICS.
—, Calif. [24-154 C4].
—, Fr. [24-25 J2].
—, N.Ire. [24-20 E2].
—, S.C. [24-113 D3].
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"Muntz" (violin) **21**-446d.
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— trading companies 6-465c.
Mutuel (betting): *see* Parimutuel.
MUTULE (arch.) 16-36b.
Mutuum (law) 19-453b.
Mutuwakil (caliph) 22-600d.
Mutzig, Fr. [24-25 N3].
—, ft., Fr. 9-534a.
Muvattalish (Hittite k.) 11-606a.
Muveran, Grand, mt., Switz.: *see* Grand Muveran.
Muvukuni, Kenya [24-83 G3].
Muwaffaqudd'in Abū-L-'Abbās Aḥmad ibn ul-Qāsim ibn Abī Usaibi'a: *see* Ibn Usaibi'a.
Muwāḥḥadī (Moham. dynasty) 1-672c.
Muwahhidīn (rel. sect): *see* Druses.
Muwalla, Arab. [24-62 B2].
Mu Wang (Chin. ruler) 5-531d.
Muwanika (offi.) 10-14b.
Muwashshah (Arab. verse) 2-195a.
Muybridge, Eadweard 15-855c.
Muymuy, Nic. [24-159 G5].
Muzaffarabad, India [24-65 C2].
MUZAFFAR-ED-DIN (shah) 16-36b.
MUZAFFARGARH, India [24-65 C2]; 16-36c.
—, canal, India 12-229d.
Muzaffarnagar, India [24-65 D3].
MUZAFFARPUR, India [24-66 B1]; 16-36d; map 3-326.
Muzaffar-ud-Din (shah) 17-551a; 17-595c.
Muz-art, pass, E.Turkist. 22-205d.
Muzello, ft., Cors. 4-630d.
Muzette, Pa. [24-106 B2].
MUZIANO, GIROLAMO 16-37a.
Muzillac, Fr. [24-24 C4].
Muzo (mine, Colom.) 8-390d.
— emerald (gem) 8-390c.
Muzon, cape, Alsk. [24-156 P9].
Muzquiz, Mex. [24-158 D2].
Muztag Ata, mt., E.Turkist. 17-165b.
Muztagh, mt., Tib.: *see* Mustagh.
Muzzle (zool.) 4-897b.
Muzzle-loader (gun) 15-680c.
Muzzle velocity (projectiles) 16-860b fol.
Muzzling (dogs) 11-998b.
mv. (abbrev.) 1-25b.
Mvita, isl., Kenya Colony, Af.: *see* Mombasa.
M.V.O. (abbrev.) 1-25b.
Mvolo, A.E.Sud. [24-82 E1].
Mvurkwe, mts., S.Rhod. [24-81 E1].
Mwakete, Tanganyika [24-83 F4].
Mwalia, Port.E.Af. [24-83 G5].
Mwanga (Uganda k.) 1-326b; 11-158d; 22-665a fol.
Mwanza, Tanganyika [24-83 F3]; 7-857a.
Mwari (myth.) 13-279c
Mwaya, Tanganyika [24-83 F4].
Mwendas, Ugan. [24-83 F2].
Mwene Tembe, Ang. [24-82 C5].
Mwenzo, N.Rhod. [24-83 F4].
MWERU, lake, Bel. Congo and Tanganyika [24-83 I04; 24-185 F6]; 16-37a; 14-240a.
— Marsh (reserve, S.Af.) 10-6a.
Mwove, Port.E.Af. [24-83 H5].
Mwinilunga, N.Rhod. [24-82 D5].
Mya (mollusc) 5-752b fol.; 13-623c fol.; 20-634a; *see also* Clam, soft.
Myadaung, India [24-66 D2].
Myakka City, Fla. [24-115 F4].
Myall, lake, N.S.W., Austr. [24-171 L4].
Myall wood (tree) 1-80b.
Myambo, N.Rhod. [24-82 E5].
Myanaung, Bur. [24-66 D3]; 11-451a.
Myāsa (Ind. tribe) 4-985a.
Myasthenia gravis (med.) 2-571d; 17-264b.
Myatheindan, mt., Bur. 13-295a.
Mya truncata (zool.): *see* Gaper (clam).
Myaungmya, dist., Bur. 4-426c.
—, Bur. [24-66 D3].
Myburgh, prov., N.Bor. [24-72 E2].
Mycale, mt., Samos 19-922b.
Mycale (battle 479 B.C.) 21-171d.
Mycelium (bot.) 9-923c fol.; 16-39c.
MYCENAE, Gr. 16-37a; arch. 23-527c; il. 6-85a; il. 1-337; arms 8-51b; 21-602d; bronze 4-241a; plate 20-686c; pottery 18-340b; Schliemann's excavations 20-79b.
Mycenaean age 10-762c.
— civilization: *see* Aegean.
Mycenio, Alcino 7-594c.
Mycerinus (Egy. k.) 5-414c; 8-70b.
Mycetes (primate): *see* Howler monkey.
Mycetophilidae (insects): *see* Fungus midge.
Mycetophora (zool.) 2-206c.

MYCETOZOA (bot.) **16**-39a; **18**-633c; *see also* Slime-fungi.
Myci (tribe): *see* Mekram.
Mycocalicium (bot.) **14**-33a.
Mycoderm (bac.) **2**-907c.
Mycoderma aceti (bot.) **9**-927b.
MYCOLOGY (Sci.) **16**-39b; **7**-114d.
MYCONIUS, FRIEDRICH **16**-39b.
—, Oswald **4**-631d.
Myconostoc (bac.) fig. 6 **2**-903.
MYCORRHIZA (bot.) **16**-39b fol.
Mycteria americana (stork): *see* Jabiru.
Mycteroperca bonaci (fish): *see* Black grouper.
Mycterosaurus (reptile) **19**-183d.
Myctophoidea (fish) **9**-314c fol.
Myctophum (fishes) **9**-314d.
Mydainae (zool.) **4**-899d.
Mydaus (zool.): *see* Badger *and* Teledu.
MYDDELTON (MIDDLETON) Sir Hugh, 1st bart. **16**-41c; **14**-356b.
Myding, riv., Af. **16**-452d.
Mydlam (heraldry) fig. 4 **11**-463.
Mydorge, Claude **6**-258c; **7**-245d.
Mydrim limestone (geol.) **16**-873.
Myebon, India [**24**-66 C2].
Myedni, isl., Kamchatka **13**-248d.
Myel (Rus. prefix) **3**-680c.
Myelaemia (blood): *see* Spleno-myelogenous leucaemia.
Myelencephalon (anat.) **4**-15c.
Myelin (anat.) **16**-238c fol.; **2**-819d.
MYELITIS (med.) **16**-41d.
Myelocyte (anat.) **6**-274c.
Myeloid sarcoma (disease): *see* Endosteal.
Myeloma (tumour) **22**-546a; fig. 13 **22**-546.
Myelonic eyes (zool.) **23**-98b.
Myeloplax (anat.) **6**-274c.
Myenmoletkhat, mt., Bur. [**24**-66 D4].
Myen'sk, Russ.: *see* Minsk.
Myer, James A. **23**-393c.
Myers, C. S. **1**-273a.
MYERS, FREDERICK W. H. **16**-41d; Subliminal self **21**-491a.
Myers, Leo **3**-599d.
—, Lindo **17**-568c.
Myers, Ned (Cooper) **3**-597b.
Myers, Mont. [**24**-144 E2].
—, N.Y. [**24**-103 D3].
—, O. [**24**-125 B4].
—, S.C. [**24**-113 C4].
— Chuck, Alsk. [**24**-156 P9].
Myerstown, Pa. [**24**-107 E3].
Myersville, Md. [**24**-108 B1].
My Fellow Traveller (Gorki) **10**-532c.
Mygale pyrenaica (animal): *see* Pyrenean water-mole.
Mygalomorphae (spiders) **2**-205d; **21**-215b.
Mygdonia, Gr.: *see* Perinthus.
Mygdonius, riv., Mesop.: *see* Jaghjagh *and* Yaghyagha.
My-hoa, Fr.I.C. [**24**-71 C2].
Myiasis (path.) **7**-414c.
Myingyan, dist., Bur. **4**-426c.
—, India [**24**-66 D2].
Myiochanes (birds) **17**-440d.
— richardsonii: *see* Western wood peewee.
— virens: *see* Wood peewee.
Myitkyina, dist., Bur. **4**-426c.
—, India [**24**-66 D1]; **13**-237a.
Myitnge, India [**24**-66 D2].
—, riv., Bur. **12**-684d; *see also* Tu.
Myit-tha, riv., Bur. **17**-69b.
Myjava (Miava), Czech. [**24**-51 E2].
Mykano, isl., Aeg. S. [**24**-55 D4].
Mykene (myth.) **16**-37d.
Mylabris cichorii (insect): *see* Telini fly.
My Lady Nicotine (sketches, Barrie) **3**-140d.
Mylae (battle, 260 B.C.) **18**-768c.
"Mylecharaine" (Manx song) **14**-832b.
Myles, John **3**-89b.
My Life (A. P. Chekhov) **5**-338b.
My Life on the Plains (G. A. Custer) **6**-903b.
Myliobates (fish): *see* Eagle ray.
Mylitta (myth) **18**-596d.
Mylius, Christlob **13**-966c.
Mylius Erichsen Land, Green. map **2**-295 (I1).
MYLIUS-ERICKSEN, LUDWIG **16**-42a.
Mylne, John **9**-736d.
Mylo, N.Dak. [**24**-136 E1].
MYLODON (animal) **16**-42a.
— Robustus skeleton il. **16**-42.
Mylodontidae (zool.) **16**-42c.
Mylo-hyoid muscle **15**-986d; il. **15**-939.
— nerve fig. 7 **16**-236.
MYLONITE (rock) **16**-42c.
Mylopotamo, riv., Crete **6**-677a.
My Magazine (period.) **17**-513d.
Mymaridae (insects): *see* Fairy flies.
Mymensingh, dist., India **16**-42d.
MYMENSINGH, India [**24**-66 C2]; **16**-42c.
My Mynde to me a kingdome is (Dyer) **7**-795d.
MYNAH (bird) **16**-42d.
Mynard, Neb. [**24**-139 J4].
MYNN, ALFRED **16**-43a.
Mynns, Sir Christopher **20**-583c.
Mynwy, Monm., Eng.: *see* Monmouth.
Mynydd y Caerau, mt., Wales **10**-389c.
— Eppynt, mts., Wales **4**-82c.
— Mawr, mt., Wales **4**-891d.
— (mt.), *e.g.*,, Mynydd Bach, Mynydd Eppynt etc.: *see* Bach, Mynydd, Eppynt, Mynydd, etc.
Mynyw, Wales: *see* St. David's.
Myocastor (rodent): *see* Coypu.
— coypu: *see* Coypu.
Myocoele (embryol.) **23**-100a.
Myocommata (anat.) **15**-989a.
Myodocopa (crustacea) **6**-804d.
— (zool.) **16**-959b.
Myogenic theory (physiol.) **22**-999a.
Myogi-san, mt., Jap. **12**-895a.
Myohaung, Mandalay, Bur. [**24**-66 D2]; **2**-211c; *see also* Amarapura.
"My Old Kentucky Home" (song, Foster) **9**-550d.
Myoma, Pa. [**24**-106 A3].
— (tumour) **22**-545a fol.
Myombe, riv., Tanganyika [**24**-83 F4].
Myomectomy (surg.) **11**-37d.
Myomorpha (rodents) **19**-373c.
Myoneme (anat.) **18**-622a.
Myontyon, Kor. [**24**-74 F3].
Myonycteris (bat) **5**-598b.
Myoparones (boats) **3**-762c.
Myopia (med.) **3**-732a; fig. 19 **23**-209; **23**-213d; *see also* short-sightedness.
Myopsida (zool.): *see* Decapoda.
Myopsittacus (bird): *see* Quaker-parrot.
Myosin (chem.) **7**-355b.
Myositidium nobile (bot.): *see* Chatham Island lily.
Myosorex (mammal) **12**-403c.
Myosotis (plant): *see* Forget-me-not *and* Scorpion-grass.
— alpestris: *see* Myosotis rupicola.
— azorica **9**-509c fol.
— palustris: *see* Forget-me-not.
— rupicola **9**-509d fol.
— scorpioides: *see* Forget-me-not.
Myosurus (plant) **18**-980a.
Myotis (bat) **5**-600c fol.
Myotomes (anat.) **15**-989a; formation **23**-100a; muscular system **23**-102d; vertebrata **23**-98b.
Myoxidae (rodents): *see* Gliridae.
Myoxocephalus scorpius (fish): *see* Sea-scorpion.
MYRA, Asia M. **16**-43a; map **19**-501 (J4).
—, region, Ice. **12**-42c.
—, Me. [**24**-96 D4].
—, N.Dak. [**24**-136 G3].
Myrcia, oil of: *see* Bay.
Myrcinus, Maced. **10**-590d fol.; **10**-591d.
Myrdalsjökull, mt., Ice. **12**-42c.
Myrddin (wizard): *see* Merlin.
Myres, J. L. **2**-253c.
Myrgingas (tribe) **16**-711b.
Myriacanthidae (fishes) **20**-293c.
Myriagramme (weight) **15**-140d.
MYRIAPODA (zool.) **16**-43b.
Myrica californica (plant): *see* Western wax myrtle.
— carolinensis **23**-444c fol.
— Gale: *see* Sweet Gale.
— Hartwegii: *see* Sierra wax myrtle.
Myricales (plants) **18**-2b.
Myricetin (chem.) **2**-27b fol.
Myricin (chem.) **3**-316b.
Myricks, Mass. [**24**-99 C2].
Myrientomata (insects): *see* Protura.
Myrina, Asia M. **21**-955d fol.
Myriobiblon (Photius): *see* Bibliotheca *and* Library.
Myriocephalum (battle) **5**-713c.
Myriophyllum verticillatum (bot.): *see* Water Milfoil.
Myriotrichia (bot.) **1**-596d.
Myripristris (fishes) **9**-319d.
MYRISTICACEAE (bot.) **16**-43b.
Myristic acid (chem.) **16**-747c; **9**-117d; **16**-748b.
Myristica fragrans (bot.): *see* Nutmeg tree.
— irya (tree): *see* Black chuglam.
Myristin (chem.) **16**-648b.
Myrlea, Asia M. (Bithynia): *see* Mudania.
Myrleville, Miss. [**24**-119 B3].
Myrmecobiidae (zool.) **14**-980d.
Myrmecobius (zool.) **23**-965a; *see also* Banded anteater.
Myrmecoboides montanensis (zool.) **14**-978c.
Myrmecophaga aculeata (animal): *see* Spiny anteater.
— jubata: *see* Great ant-eater.
Myrmecophagidae (zool.) **2**-20d; **7**-949c.
Myrmecophila (insects) **16**-945b; **20**-886a.
Myrmecophily (bot.) **5**-85d.
Myrmeleo formicarius (insect) **18**-692d; *see also* Antlion.
MYRMIDONES (people) **16**-43c.
MYROBALANS (fruit) **16**-43c.
Myrocongridae (fishes) **9**-317b.
Myron (Gr. sculp.) **10**-811c.
—, Ark. [**24**-120 D1].
—, Fla. [**24**-115 C1].
— (ointment): *see* Chrism.
Myronate of potassium (chem.): *see* Sinigrin.
Myronides (Ath.) **17**-509b.
Myropteryx (zool.) **5**-599b.
Myrorylon punctatum (tree) **2**-1014d.
Myrosin (chem.) **16**-32d.
Myroxylon pereirae (tree) **2**-1014d.
Myrra, J. **16**-781d.
MYRRH (resin) **16**-43c; **2**-1012b; bdellium **3**-245c; Egyptian cosmetics **6**-485c.
Myrrha (myth.): *see* Smyrna.
Myrrhinus, anc. Attica, map **2**-659.
Myrrhis (bot.): *see* Cicely.
— odorata: *see* Cicely.
Myrrour of the World (Caxton) **5**-80c.
Myrsilus (animals) **19**-372b.
— aubinii: *see* West African Giant Squirrel.
Myrsinaceae (bot.) **2**-908b.
MYRTACEAE (bot.) **16**-43d; *see also* Bottle-brush plants; Myrtle.
Myrtiflorae (bot.) **16**-788c; **18**-2c.
Myrtilus (myth.) **2**-695d; Oenomaüs **16**-710c; Pelops **17**-455c.
Myrtiotissa (au.) **10**-847d.
Myrtis (poet) **17**-934a.
—, La. [**24**-121 A1].
Myrtle, Ark. [**24**-120 B1].
—, Ida. [**24**-145 B3].
—, Ill. [**24**-128 C1].
—, Minn. [**24**-135 E8].
—, Miss. [**24**-119 C1].
—, Mo. [**24**-141 F5].
—, Ont., Can. [**24**-90 C2].
MYRTLE (bot.) **16**-43d; allspice **1**-666c; guava **10**-944d; *see also* Myriaceae.
— Beach, S.C. [**24**-113 F3].
— Creek, Oreg. [**24**-151 B4].
Myrtleford, Vict., Austr. [**24**-171 H6].
Myrtle Point, Oreg. [**24**-151 A4].
— Springs, S.Austr. [**24**-170 C3].
Myrtlewood, Ala. [**24**-118 B3].
Myrto, Crete [**24**-54 D5].
—, bay, Gr. [**24**-54 B3].
Myrtus communis (bot.): *see* Myrtle.
— ugni: *see* Myrtle.
Myscellus (Gr.) **6**-756d.
Mysen, Nor. [**24**-44 D2].
Mysenteric reflex (physiol.): *see* Intestinal contraction.
MYSIA, dist., Asia M. **16**-44a; map **19**-501 (H4).
Mysian (lang.) **2**-542d.
— cry (myth.) **12**-9c.
— Olympus, mt., Turk. [**24**-58 C3]; **3**-72d.
Mysians (tribe) **17**-572b.
Mysidacea (zool.) **6**-804d; **14**-704a.
— amphipoda **14**-704a.
Mysis (zool.) **12**-555a.
Mysis-larva (zool.) **12**-555a; fig. 7 **12**-557.
Myślenice, Pol. [**24**-40 D4].
MYSLOWICE, Pol. [**24**-40 D3]; **16**-44b.
Myslowitz, Pol.: *see* Myslowice.
My Son on the Galley (J. Wallenberg) **21**-656d.
MYSORE, State, India [**24**-64 E6]; **16**-44c; arch. **12**-223b; Cauvery **5**-64c; famine **9**-64b; Hyder Ali **7**-122c; sculpture **12**-217d; Sir Sheshadri **1**-481a.
MYSORE, India [**24**-67 C4]; **16**-44b; tree marriage **22**-447c.
—, plat., India **3**-553d.
— University (India) **22**-877a.
— War **12**-193d.
Mysova (Sib.), U.S.S.R. [**24**-57 J3].
Mystacoceti (zool.): *see* Whalebone Whales.
Mystacops tuberculatus (bat.) **5**-600d.
Mystae, Gate of (Athens) map **2**-605a.
Mystère du Concile de Bâle (play) **7**-588a.
Mystère du Viell Testament (play) **7**-587d.
— (villa, Pompeii) **19**-401a.
MYSTERY (rel.) **16**-45b; Christian **17**-390c; **7**-502b; development **19**-109b; inscriptions **12**-397a; orphism **16**-636a.
— play **9**-781c; **7**-587c fol.; make-up **14**-699d; Pl. II. fig. 1 **14**-MAKE-UP; modern development **14**-222c.
— STORIES **16**-50a; Poe **18**-105b; **4**-97a.
Mystic, Colo. [**24**-147 C1].
—, Conn. [**24**-101 E2].
—, Ga. [**24**-114 C5].
—, Ia. [**24**-138 E4].
—, S.Dak. [**24**-137 A2].
— Lakes, Mass. **15**-170d.
MYSTICISM (philos.) **16**-51a; **19**-109d fol.; Alexandrian **1**-582c; Carlyle's **4**-883c; Eckhart's **7**-907b; Ger. lit. **10**-221d; Gnosticism **10**-453a fol.; Heb. prophets **18**-589a; Hegel **11**-382b; Lincoln **14**-139a; and Neoplatonism **16**-218c; Plotinus **18**-81d; Tantrism **14**-675d; theism **22**-51b; theosophy **22**-68b.
Mystic Krewe of Comus, The (Am. fest.) **20**-589b.
"Mystic Marriage of St. Catharine" (paint., Correggio) **2**-484d.
Mystic Shrine, Nobles of the (freemasonry, U.S.) **9**-739d.
Mystic Side, Mass.: *see* Malden.
— will (Fr. law) **23**-607b.
Myth. (abbrev.) **1**-25b.
—, actiological **1**-276b.
— AND RITUAL **16**-55a; fable **9**-21a; constellation **6**-311b; Mytho, Fr. I.C. [**24**-71 C3]; location **5**-940a fol.
My-Tho, circumscription, Fr. I.C. **5**-940a.
Mytholmroyd, Yorks., Eng. [**24**-14 B2].
MYTHOLOGY **16**-55c; Amymone **1**-855d; Amphiarus **1**-832b; Amphion and Zethus **1**-843d; Amphitrite and Amphitryon **1**-847c; anthropological theory **20**-869a; Avadana **2**-791d; coins **16**-619a; Etna **8**-782d; Hittite **11**-607c; Indian **7**-21c; **12**-161b; Maruk **14**-872c; Meleager **15**-224b; Memnon **15**-233c; Minerva **15**-533d; Morpheus **15**-821b; Neleus **16**-202d; Norns **16**-497a; nymphs **16**-658c; Odin **16**-704b; Pan **17**-167c; polytheism **19**-107c; Prometheus **18**-577c; Scan. gods **21**-988d; Slavonic **20**-791a; Teutonic **21**-988c; Titans **22**-252b; torches **13**-630d; Zeus **23**-948a.
—, comparative **2**-834c; **2**-837a.
Mytikas, Gr. [**24**-54 B3].
Mytilaspis citricola (insect): *see* Purple scale.
— pomorum: *see* Oyster shell scale.
Mytilene, dist., Lesbos (mytilene) **13**-962a; **13**-962b.
—, isl., Gr. [**24**-55 E3]; **5**-801a; *see also* Lesbos.
Mytilidae (zool.) **16**-27b.
Mytilus (zool.) **13**-624c; *see also* Sea Mussel *and* Mussel.
— edulis: *see* Edible mussel; Sea Mussel.
Myton, Utah [**24**-152 D2].
— (battle) **8**-493c.
Mytton Stage (geol.) **16**-873.
Myus, asia M. **15**-479d; **17**-573d.
Mývatn, lake, Ice. **12**-42d.
Myxidium lieberkühnii (biol.) **18**-634c.
MYXINE (fish) **16**-55d; *see also* Hag; Hag-fish.
— glutinosa (fish) **16**-55d.
Myxinidae **6**-921d fol.
Myxobacteria (bac.) **2**-909c.
Myxobolus ellipsoides (biol.) fig. 23 **18**-628.
— neurobius (biol.) **18**-634c.
— pfeifferi (biol.) **18**-634c.
Myxococcus digelatus fig. 14 **2**-908.
Myxocyprinus (fishes) **9**-315d.
MYXOEDEMA (disease) **16**-55d; **1**-136c; cause, treatment **22**-72b; thyroid gland **11**-745d.
Myxogasteres (biol.) **18**-633c.
Myxoma (tumour) **22**-545a fol.
Myxomycetes (bac.): *see* Slime fungus.
Myxophyceae (biol.) **18**-616a fol.; lichen thallus **14**-29c; *see also* Blue-green algae.
Myxosporidia (biol.) **18**-634b; heteroplastic **18**-620c.
Myzopodidae aurita (bat) **5**-600c.
Myzostoma (zool.) **17**-273d.
Myzostomaria (zool.) **1**-997d.
Myzostomum antarcticum (worm) fig. 17 **1**-998.
Mzab, Alg. **22**-175b.
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N

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— **BETTER BUSINESS BUreau, Inc.** (U.S.) 16-135a; 6-155a.
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— **BISCUIT COMPANY, THE** (Am.) 16-135b.
— **BOARD OF FARM ORganizations, The** (U.S.) 16-135c.
— Board of Fire Underwriters (U.S.) 9-272d; 9-280d.
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— Board of Review (Am.) 5-116d.
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— Bureau of Standards (U.S.) 19-206d.
— Butchers' and Drovers' Bank (N.Y.) 1-768b.
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— Collegiate Association (U.S.) 22-241d.
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— Council for Child Welfare (Can.) 3-726d.
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— Council of Employers and Employed (Eng.) 10-563d.
— **COUNCIL OF EVANGELical Free Churches** (Brit.) 16-136d.
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— **DEBT** 16-137a; Gt. Brit. 10-691d fol.; 10-696d; 10-697c; 10-698b; 6-291a; U.S. 16-142b; *see also under* various countries.
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— Discount Company (Eng.) 7-420a.
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— Education Association of the United States 8-5c; 7-971a.
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— Federation of Dairymen (Eng.) 15-487b.
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— Federation of Professional, Technical, Administrative and Supervisory Workers: *see* Professional, Technical, Administrative and Supervisory Workers.
— Federation of State High School Athletic Associations (U.S.) 2-623d.
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National forests (U.S.): *see* National parks and monuments.
— Galerie (Berlin) 15-999a.
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— Gallery of Art (U.S.) 20-838a.
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National Geographic Magazine (U.S.) 16-144c.
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— Grange (U.S.) 1-360a.
— Greyhound Racing Club (Eng.) 10-886d.
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— **GUARD** (U.S.) 16-144c; 15-486a fol.; 16-145b.
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National Health Council (U. S.) **18**-743c.
— Health Insurance: *see* National Insurance: Health.
— Health Insurance Acts (Eng.) **18**-740b; (1911) **8**-544a; **18**-464c; (1924) **15**-42a; **7**-431a; (1925) **16**-761c.
— Health Insurance Fund (Eng.) **16**-147a.
— Herbarium (U.S.) **20**-837d.
— Highways Association (U.S.) **11**-553a.
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— Institute for the blind (Eng.) **3**-724a.
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— Institute of Arts and Letters (U.S.) **1**-86d.
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— **INSURANCE: HEALTH** (econ.) **16**-145d.
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Nationalism **8**-886a; **8**-858a; Fr. Revolution **9**-804c; **9**-805b; govt. **10**-561b; minorities **15**-565a; papacy **19**-34d; **19**-415a; U.S. **19**-200d; U.S.S.R. **19**-742b; **19**-726b; World War Guilt **23**-355a.
Nationalist Russian School (Russ.) **2**-950b.
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— League (baseball) **3**-161a.
— League of the Blind (Brit.) **3**-719a; **3**-725b.
— Liberal club (Lond.) **5**-859d; **2**-670d.
— Liberal Federation (Brit.) **13**-1001b.
— Liberals (Ger.) **3**-663d fol.; **3**-413d.
— Library for the Blind, The (Eng.) **3**-724b.
— Library of Scotland **14**-4c; **20**-171d.
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— Lutheran Commission for Soldiers' and Sailors' Welfare **14**-500b.
— Lutheran Council **14**-500c.
— Maritime Board (Eng.) **20**-552c.
— Men's League for Women's Suffrage (U.S.) **23**-712d.
— Military cemetery (Wash., D.C.) **23**-393c.
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— Missionary Institution (Eng.) **16**-313c.
— Moldavian Committee **19**-649d.
— Monument to the Forefathers (Plymouth, Mass.) **18**-93a.
— **MONUMENTS, (U.S.)**: *see* National Parks and Monuments, The (U.S.).
— Municipal League, U.S. **5**-730d.
— Museum (Athens) **2**-610a.
— Museum (Wash., D.C.) **16**-918a.
— Museum of Antiquities of Scotland **15**-1002b.
— Museum of Wales (Cardiff) **15**-1002c.
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— Old Age Pension Fund (Fr.) **9**-610a.
— **OLD TRAILS ROAD** (U.S.) **16**-154c; **11**-551c; map **11**-552; **11**-553a; **15**-454c.
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— **PARKS AND MONUMENTS.** The (U.S.) **16**-154c; Pl. 1 figs. 3, 5 **22**-UNITED STATES; Big Horn **20**-498a; Capulin mt. **4**-824b; Carlsbad cave **4**-879c; Casa Grande **4**-957d; Gila Cliff Dwellings **10**-341c; Crater Lake **15**-171b; Devils Postpile **7**-284d; Devils Tower **7**-284d; El Morro **8**-377c; Grand Canyon **10**-631b; grazing permits **9**-94a; Hot Springs **11**-800a; Lafayette **15**-937b; **13**-588d; Mesa Verde **7**-752b; Mt. Rainier **18**-954d; Muir Woods **19**-942b; Ochs' work for **16**-698a; San Isabel **18**-754c; S. Dak. **21**-88d; Sully's Hill **7**-284d; Valley of Ten Thousand Smokes **16**-144c; Yellowstone **23**-884a; Yosemite **23**-902b.
—: *Forests*: **1**-409a; Beartooth **3**-570d; Durango **7**-752b; forest fires Pl. II. figs. 1-5 **9**-FORESTS & FORESTRY; Prescott **18**-450a; T. Roosevelt **19**-538d; *see also* Nature reserves; Roosevelt Game Preserve.
—: *see also under* various names.
— **PARKS HIGHWAY (U.S.)** **16**-158c; map **11**-552.
— **PARK TO PARK HIGHway** (U.S.) **16**-158c; map **11**-552.
— Paving Brick Association (Am.) **4**-115d.
— Peasant Party (Rum.) **17**-427a.
National Philanthropist (Am. journal) **10**-34b.
National Physical Laboratory (Eng.) **12**-433b fol.; **21**-873a; **11**-86d; **15**-136c; **10**-205d; wind tunnel **1**-235c; fig. 8 **1**-247.
— Pike: *see* National Old Trails Road.
— Plant Quarantine Act 1912 (U.S.) **18**-27b.
— Playing Fields Association (Eng.) **20**-901c.
— Portrait Gallery (Edinburgh, Scot.) **9**-243a.
— Portrait Gallery (Lond.) **14**-358b.
— Postal Savings Bank (Fr.) **9**-609b.
— Progressive Republican League (U.S.) **18**-565d.
— Prohibition Act (1919, U. S.) **18**-567d.
— **PROVINCIAL BANK LIMited** (Eng.) **16**-158c; **10**-699b fol.; **3**-70a.
— psalm **18**-663a.
— Publishing Society (Brit.) **6**-386a.
— Radio Conferences (U.S.) **4**-211b; **4**-212b fol.
Nationalrat (Swiss council) **21**-678a.
National Red Cross Societies **19**-20b.
National Reformer (Eng. journ.) **3**-1007d.
National Reform League (Eng). **18**-885b.
— Relief Fund (Eng.) **4**-202c.
— Republican Guard (Port. army) **18**-275b.
National Republican Party (U.S.) **1**-156d; **23**-568b.
— Research Council **17**-283c; **19**-207c.
— **RESERVE** (Brit. army) **16**-159a.
National Review of Literature and Social Sciences (Urug.) **19**-378a.
National Rip-Saw (journ., U. S.) **7**-115d.
National road (U.S.) **23**-396b.
— Roads, O. [**24**-125 C4].
— **ROOSEVELT MIDLAND Trail** (U.S.) **16**-159b; map **11**-552.
— Round (archery) **2**-266b.
— **SAVINGS** (fin.) **16**-159b.
— Savings Certificate (Brit.) **18**-309d.
— Savings Committee (Brit.) **18**-310a.
— Sculpture Society (N.Y.) **20**-906d.
— Service, Director General of (Eng.) **12**-313b.
— Skating Association (Gr. Brit.) **20**-728c; U.S. **20**-728c.
— Ski Association of America **20**-750a.
— Society (Gr.): *see* Ethnikè Hetaireia.
— Society (educ., Brit.) **20**-91b; **14**-356d.
— Society for Promoting the Education of the Poor (Eng.) **7**-980a.
— Society for the Prevention of Cruelty to Children (Eng.) **5**-471b.
— Society for the Promotion of Industrial Education (U.S.) **22**-835c; **23**-232a.
— Society of Art Masters (Eng.) **20**-906b; **2**-487d.
— Society of Day-Nurseries (Eng.) **7**-94a fol.
— Soldiers' Home (Wash., D.C.) **23**-393d.
— Sporting Club (Eng.) **5**-860b.
— Stage (theatre, Bergen, Nor.) **7**-617a.
— Steeplechase and Hunt Association (U.S.) **21**-371d.
— strike (1926, Eng.): *see* General strike of 1926.
— Swine Show (U.S.) **1**-387a.
— Teachers Association: *see* National Education Association of the United States.
— Telephone Company (Eng.) **10**-718b; **14**-355a.
— theatre (Athens) **7**-592d.
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— Transcontinental Railway (Can.) **4**-698b.
— Trust (Eng.) **16**-165a.
— Tuberculosis Association (U.S.) **18**-743b; **22**-534b fol.
— Unemployment Insurance, Eng.: *see* Unemployment Insurance.
— Union (Chilean pol. group) **5**-496c.
— Union of Clerks: *see* Clerks, National Union of.
— Union of Conservative and Constitutional Associations (Eng.) **6**-287a.
— Union of Journalists (Eng.) **16**-346a; **16**-328d.
— Union of Railwaymen (Eng.) **21**-707d; **18**-932d.
— Union of Teachers (Eng.) **7**-985d.
— Union of the Professional and Industrial Blind (Eng.) **3**-725b.
— Union of Women's Suffrage Societies (Eng.) **15**-492c.
— University (Manila, P.I.) **14**-807a.
— University of Ireland: *see* Ireland, National University of.
— University of Peking (Chin.) **20**-908c.
— Verein **3**-413c; **8**-693c.
— Vigilance Committee of the Associated Advertising Clubs of the World: *see* National Better Business Bureau, Inc.
— war bond (Eng.) **10**-694d; **10**-697a fol.; **12**-565b.
— War Labor Board (U.S.) **8**-411c.
— **WEALTH**: *see* Wealth, National.
— Western Stock Show (U. S.) **7**-226c.
National Woman's Christian Temperance Union (U.S.) **23**-608a.
— Woman's Party **23**-712d.
— Woman Suffrage Association **23**-712c.
— Women's Social and Political Union (Eng.) **23**-711a.
— **WORKSHOPS** (Fr.) **16**-162b.
— Zoological park (Wash., D.C.) **23**-392a; **20**-838a.
Nation and State (Seipel) **20**-287c.
Nationes (Arnobius): see *Adversus Gentes.*
Nation in Arms, The (Goltz): see *Volk in Waffen, Das.*
Nations, battle of the (1813): *see* Leipzig, battle of.
—, **LAW OF**: *see* International Law.
Nation Tchèque, La (journal) **15**-9c.
Native Affairs Commission (S.Af., 1920) **21**-60a.
— alumina (gem): *see* Corundum.
— -American Party (U.S.): *see* American-Republican Party.
— bear (animal): *see* Koala.
— Companion (zool.) **6**-635a; il. **6**-634.
— copper **6**-402a.
— Labour Regulation Act (1911, S.Af.) **21**-60a.
— Lands Trust bill (1928, Af.) **13**-345c.
— Marriages Act (1872, India) **21**-386a.
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— Territories Penal Code (1887, S.Af.) **13**-237d.
— (Urban Areas) Act (1913, S.Af.) **21**-60a.
Natividad, bank, W.I. [**24**-157 E2].
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Nativity (rel.) **7**-509d; **9**-107c.
"Nativity" (paint., Botticelli) **3**-952c.
— (paint., Franceschi) **9**-662d.
— (statue, Anguier) **1**-956b.
Nativity, Church of (Bethlehem) **3**-481a.
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— natrix (zool.): *see* Grass snake, English.
— piscator (zool.): *see* Keel Back.
NATROLITE **16**-163a; **23**-946b; **15**-525c.
Natron, lake, Tanganyika Terr. [**24**-83 G3].
— (Natrūn), val., Egy. [**24**-79 B1]; **8**-34c.
— (chem.) **16**-466b; **5**-356b; **20**-923d.
Natrona, co., Wyo. [**24**-146 E3]; **4**-968b.
—, Ill. [**24**-128 C3].
—, Pa. [**24**-106 B3].
—, Wyo. [**24**-146 F2].
Nats (nomads): *see* Bazigars.
Natsume Sōseki **12**-980a.
Nattalin, Bur. **22**-19b.
Natterjack (zool.) **22**-260c.
NATTIER, JEAN M. **16**-163b; **17**-49a; **18**-267d.
Nattvardsbarnen (poem, Tegner) **21**-877d.
Natu-la, mt. pass, India **20**-650d.
Natuna, isls., Mal. Arch. [**24**-72 C3]; **3**-906b.
—, Great, isls., Mal. Arch. [**24**-72 C3].
Natuna, North (Laut), isls., Mal. Arch. [**24**-72 C4]; **3**-906b.
—, South, isls., Mal. Arch. [**24**-72 C3].
Natura, De (Pelagius) **2**-685a.
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— (mus.) defined **1**-93c; **16**-22d.
— angle (billiards) **3**-566c.
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— Bridges, Ariz. Pl. I. **2**-ARIZONA.
— Bridge, Ala. [**24**-118 B1].
— **BRIDGE**, Va. **16**-163c.
— Bridges, natl. monument, Utah [**24**-152 D5; **24**-152 E5]; **16**-155b.
— Dam, Ark. [**24**-120 A2].
— day (law) **7**-92b.
— draft burner **16**-738d.
— draft transformer: *see* Air-cooled transformer.
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— **GAS** **16**-163c; **11**-400d; **17**-864a; **12**-500c; **9**-897d.
— gas furnace **6**-766c.
— gyration **14**-78b.
— History Museum (Hull) **15**-1002b.
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Naturalism (art) **18**-320d; **12**-98b; **1**-139b; **17**-62c.
— (lit.) **1**-794c; **7**-597c; **7**-608a; **7**-619d.
NATURALISM (philos.) **16**-164c; Hobbes **11**-614b; Schopenhauer **20**-104a; Spinoza **21**-235b; **17**-752b; theosophy **22**-69a.
Naturaliste, cape, W. Aus. [**24**-168 A5].
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Naturalistic photography **17**-831c.
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— (biol.) **1**-100d.
—, Bureau of (U.S.) **16**-153a.
— Act (Eng. 1753) **13**-60a; (1844) **1**-627b; (1870) **1**-645b; **13**-805d; **22**-438d.
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— law (philos.) **8**-771d.
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— number **6**-181c; **1**-604b.
— order (biol.) **3**-616a.
— philosophy **17**-880a.
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— **RESOURCES, CONSERvation of** **16**-164c; **17**-857a; **17**-875c.
— right **8**-771d fol.
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— spirits **15**-200b.
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—, O. [**24**-124 B2].
—, S.C. [**24**-113 B2].
—, S.Dak. [**24**-137 C3].
—, mt., Ire. [**24**-20 E2].
—Arm, Nfd. [**24**-93 C2].
— City, Ill. [**24**-129 D6].
NORRISTOWN, Pa. [**24**-107 F3]; **16**-498c.
Norrisville, Md. [**24**-109 C1].
NORRKOPING, Swed. [**24**-45 G2]; **16**-498c.
Norrland, dist., Swed. **21**-638b fol.; **21**-423d.
Norroy King of Arms North of Trent (heraldry) **11**-471d.
Norrström, channel, Swed. **21**-423d.
Norrsundet, Swed. [**24**-45 G1].
Norrtälje, Swed. [**24**-45 H2].
Norse church **19**-420d.
Norseland, Minn. [**24**-135 D7].
NORSE LANGUAGE **16**-498c; Norwegian **16**-558d.
Norseman, W.Aus., Austr. [**24**-168 C5].
Norsemen **1**-751a; Arctic **2**-290b; Ire. **12**-595c; Paris **5**-259d; routes to Am. map **1**-750; *see also* Vikings.
Norse Odes (Gray) **10**-670c.
Norsholm, Swed. [**24**-45 G2].
Norske, Wis. [**24**-133 D5].
Norske Folkeeventyr (Asbjörnsen and Moe): see *Norwegian Popular Stories.*
Norske Selskab, Det (lit. society) **16**-559d.
— Veritas (Oslo) **20**-553b fol.
Norsk Matematisk Forening (Nor. society) **15**-77d.
Norsk Matematisk Forenings Skrifter (math. period.) **15**-77d.
Norsk Matematisk Tidsskrift (math. period.) **15**-77d.
Nort, Fr. [**24**-24 D4].
Nortcott, H. P. (Brit. col.) **10**-488d.
Norte, cape, Braz. [**24**-163 C2].
—, lake, Braz. **14**-572c.
Nörten, Ger. [**24**-38 E2].
—, mts., P.I. [**24**-73 B2].
NORTH, BARONS (and earls) (Eng. fam.) **16**-499a; *see also* Guilford; *except as below.*
—, Charles N., 5th baron **16**-499b.
—, Christopher (pseud.): *see* Wilson, John.
—, **SIR DUDLEY** **16**-499c.
—, Frances, baroness **10**-968b.
—, Francis **3**-143c.
—, Frederick, Lord **7**-870b.
—, John **16**-499b.
—, **MARIANNE** **16**-499d.
—, **ROGER** (Eng. law.) **16**-499d; **16**-485c.
—, Roger (Eng. sail.) **16**-500a.
—, Susan N., baroness **16**-499c.
NORTH, SIR THOMAS **16**-500a; **1**-856a.
NORTH, THE (Am. colonies, U.S.) **16**-500b.
— (in place names) e.g. North Burton, North Cave, etc.: *see* Burton, North; Cave, North, etc., *except as below.*
—, Ind. [**24**-127 D4].
—, N.H. [**24**-97 C2].
—, S.C. [**24**-113 C3].
—, Va. [**24**-110 H3].
—, bay, Fortune Bay dist., Nfd. [**24**-93 B3; **24**-93 C3].
—, bridge, Salem, Mass. **19**-872b.
—, cape, Alsk. [**24**-156 E5].
—, cape, Antarc. [**24**-5 A11].
—, cape, Ice. map **12**-43; *see also* Horn, cape, Ice.
—, cape, Mal. Arch. [**24**-72 G3].
—, cape, Nor. [**24**-42 M1]; **2**-291a.
—, cape, N.S., Can. [**24**-88 J1].
—, cape, N.Z. [**24**-172 D1].
—, cape, Que., Can. [**24**-88 H1].
—, cape, Sib. **2**-293b.
—, chan., Calif.: *see* Bonita channel.
—, chan., Ire. and Scot. [**24**-19 B6; **24**-177 D3]; **12**-592a.
—, chan., Ont., Can. [**24**-90 A1; **24**-189 K1].
—, chan., Sum. [**24**-72 A3].
—, isl., N.Z. [**24**-172]; **16**-392b.
—, isl., S.C. [**24**-113 E3].
—, isl., W.Aus., Austr. [**24**-168 A4].
—, mt., Pa. [**24**-107 E2].
—, mts., N.S., Can. [**24**-88 D3].
—, mts., W.Va. [**24**-111 E3].
—, park, Pittsburgh **17**-978c.
—, pass, La. [**24**-121 E4].
—, pt., Md. [**24**-109 C1].
—, pt., Mich. [**24**-130 H4].
—, pt., P.E.I., Can. [**24**-88 F1].
—, riv., N.Y. **11**-860c.
—, riv., Va. [**24**-110 E3].
—, sd., Ire. [**24**-20 B3].
—, sea, Scot. and Ire.: *see* North Sea.
—, Council of The (Eng.) **8**-520c.
— Abington, Mass. [**24**-99 D1].
— Acton, Mass. [**24**-99 C1].
— **ADAMS**, Mass. [**24**-98 A1]; **16**-500c.
— Africa **1**-614a fol.; archae. **1**-316b; Brit. **1**-329c; comm. **1**-616c; Fr. **1**-329b; hist. **1**-672a; **15**-817a; Mor. **15**-812b; recent expl. **1**-322c.
— African ground squirrel **19**-372b.
— Alabama Conference College, Birmingham, Ala.: *see* Birmingham-Southern College.
NORTHALLERTON, Yorks., Eng. [**24**-13 C3]; **16**-500c.
North Alslev, Den. [**24**-46 D4].
Northam, Nev. [**24**-153 A3].
—, Austr. [**24**-168 B5].
NORTH AMERICA [**24**-84, 85; **24**-2 F2]; **16**-500d; aboriginal languages **5**-138c; agriculture **10**-604b fol.; **16**-35b; chartered companies **5**-307c; **17**-862b; archaeology **3**-254b; **16**-507b fol.; cattle **15**-149c; coal **5**-875d; **17**-865a; commerce **10**-607c fol.; **17**-861d; climate **5**-827d; **16**-502b; culture areas **16**-506b fol.; ethnology **16**-503d fol.; **19**-85c fol.; **16**-25d; explorations **6**-365c; **13**-802b; **11**-858c; forestry **9**-502c; map **9**-498; fig. 2 **9**-501; **9**-505c; fur trading **9**-938a fol.; garnet **10**-29c; harbours **11**-182b; life zones map **3**-600; Lake Ontario **16**-797c; platinum **17**-872a; physiography **16**-501a fol.; population **16**-503b fol.; **18**-230b fol.; railways **18**-919a.
—: *Fauna and Flora:* **16**-502d; **23**-966d; Baird's collection **2**-942b; beech trees **3**-304a; big game **3**-555a; biological survey **3**-599b; glaciation effect **12**-474b; ostariophysi **9**-311c fol.; Tertiary **17**-93d.
—: *Geology:* Cambrian **4**-647c; Devonian **7**-291c; Eocene **8**-634c; il. **1**-740; Glacial period **10**-374b; interglacial stages **12**-474a; climatic hist. **5**-826a; Maclure, W. **14**-594c; gas **16**-163c; ordovician **16**-874b; palaeozoic **17**-82b fol.; pliocene **18**-81a; triassic **22**-465a; *see also under* Canada and United States.
North American alligator (zool.) **6**-734b.
— American box turtle (zool.) **22**-309c.
— American Committee on Fishery Investigations **9**-300d.
— American corkwood **6**-438a.
— American crocodile **6**-734c.
North American Fauna (reports) **3**-599c.
North American fox (zool.) **9**-572d.
— American Indians Algonkin **1**-622a; Apache **2**-91b; Apalachee **2**-91c; Arizona **2**-361c fol.; baskets Pl. I. figs. 9, 10, 11 **3**-BASKET; B.C. **4**-171c; Calumet **4**-629c; camping **4**-682d; Canada **4**-702d; carvings Pl. IX. figs. 1-18 **12**-IVORY CARVING; citizenship **16**-153a; coffins **5**-977a; cosmetics **6**-487a; death-rate (U.S.) **7**-113b; dwellings **7**-786b; il. **11**-811; Eliot's mission **8**-360b; folklore **1**-805c; head-dress Pl. fig. 11 **11**-HEAD-DRESS; Hopi il. **11**-736; intelligence **7**-368b; Iroquois **12**-683d; kinship **13**-405a; land tenure **13**-680a; langs. **5**-139c; **16**-505a; masks **15**-13c; fig. 12 **6**-509; median age **22**-737b; missions **6**-252a; Montana **15**-747a; Natchez castes **16**-133d; New Mexico **16**-317d; origin **15**-48d; Ojibwa **16**-753b; Okla. reserva. **16**-757a; population, U.S. 1900-20 **22**-735c; post Civil War measures **22**-816d; race **6**-60a; religion **4**-703a; religious rites **18**-754b fol.; **20**-370b; sacrifices **19**-801d; Salish portrait Pl. I. fig. 5 **2**-ANTHROPOLOGY; scalping **20**-46a; schoolcraft **20**-96c; secret socs. **20**-261c fol.; soil cultivation **6**-856c; taboos **14**-948a fol.; totemism **22**-317a; transport **22**-415b; U.S. government expenditures **22**-743a; wampum **23**-319d; Washington state **23**-388c; weapons **2**-266c; *see also* American Indian Museum.
— American juniper (tree) **22**-219d.
— **AMERICAN LANGUAGES**: *see* Central and North American Languages.
— American mammals Pl. III, IV, V, VI **16**-NORTH AMERICA.
— American marten **14**-982a.
— American pawpaw **2**-7a.
— American persimmon wood **22**-220b.
— American pigeon-hawk (bird) **15**-282b.
North American Review (period.) **16**-542d; **17**-514d.
North American wild flowers Pl. III **9**-FLOWER.
North Amherst, U.S. [**24**-98 B1].
— Amity, Me. [**24**-96 E3].
NORTHAMPTON, EARLS and Marquesses of, **16**-516d.
—, C. C., marquess **16**-517a.
—, Frances G., marquise **14**-1003c.
—, Henry H., earl **16**-517a; **11**-846c.
—, Humphrey, earl: *see* Bohun, Humphrey X.
—, Simon de S., earl **16**-516d.
—, Spencer C., earl **16**-517b; **21**-853d.
—, Waltheof, earl: *see* Waltheof.
—, William C., earl **16**-517a.
—, William de B., earl **16**-516d.
—, William P., marquess **16**-516d.
—, co., Eng.: *see* Northamptonshire, co., Eng.
—, co., N.C. [**24**-112 H1].
—, co., Pa. [**24**-107 F3].
—, co., Va. [**24**-110 J3].
NORTHAMPTON, Mass. [**24**-98 B1]; **16**-517d; Clarke School **7**-103a; Easthampton **7**-868d.
NORTHAMPTON, Northants., Eng. [**24**-15 C3]; **16**-517b; **18**-384b fol.
—, N.Y. [**24**-103 F2].
NORTHAMPTON, Pa. [**24**-107 F3]; **16**-517d.
—, W.Austr. [**24**-168 A4].
"Northampton" (cruiser) **6**-771b.
NORTHAMPTON, ASSIZE of (law) **16**-518a.
—, treaty **20**-159b; **7**-79a.
— bat **8**-503c.
— iron ore (geol.) **13**-195a.
— mortality table **14**-52d; **14**-56a.
— Polytechnic (London, Eng.) **18**-193d fol.; **18**-194a.
— sands (geol.) **13**-195a.
NORTHAMPTONSHIRE, co., Eng. [**24**-15 B3]; **16**-518a; hunting **11**-924d.
— Peasant Poet: *see* Clare, John.
— stone (geol.): *see* Inferior Oolite.
NORTH ANDOVER, Mass. [**24**-99 C1]; **16**-519d.
—Andover, Wis. [**24**-133 C7].
— and South Pike (U.S.) **11**-552.
Northanger Abbey (nov., Austen) **2**-698c.
North Anna, riv., Va. [**24**-110 G2].
— Anson, Me. [**24**-96 C4].
— Antler, Sask., Can. [**24**-91 F4].
— Appleton, Me. [**24**-96 C4].
— Arcot, dist., Madras, India: *see* Arcot, North.
— Arm, inlet, Nfd. [**24**-93 A2].
— Ashburnham, Mass. [**24**-98 C1].
— Ashford, Conn. [**24**-101 D1].
— Assam (lang. group) **22**-187d.
— Astrolabe, reef, Fiji Is. [**24**-176 D4].
— Atlantic, area, N. Am. **16**-508c.
— Atlantic (ocean) **2**-633d.
— Atlantic drift (physiog.) **2**-303a; **10**-982d.
— Attleboro, Mass. [**24**-99 C2]; **2**-662c.
— Auburn, O. [**24**-124 C3].
— Augusta, S.C. [**24**-113 C3].
— Aurdal, Nor. [**24**-44 C1].
— Aurora, Ill. [**24**-128 D2].
— Avondale, Colo. [**24**-147 F3].
— Balabak, str., P.I. [**24**-73 A4].
— Baltimore, O. [**24**-124 B2].
— Bancroft, Me. [**24**-96 E3].
— Bangor, N.Y. [**24**-103 F1].
— Barnstead, N.H. [**24**-97 C3].
— Barrackpore, Bengal, Ind. **3**-135a.
— Battleford, Sask., Can. [**24**-91 E3].
— **BAY**, Ont., Can. [**24**-90 C1]; **16**-519d.
— Behar, dist., India **3**-325a; 326a.
— Bend, B.C., Can. [**24**-92 E5].
— Bend., Neb. [**24**-139 H3].
— Bend, O. [**24**-125 A4].
— Bend, Oreg. [**24**-151 A4].
— Bend, Pa. [**24**-106 D2].
— Bend, Wash. [**24**-150 D3].
— Bend, Wis. [**24**-133 B5].
— Bennington, Vt. [**24**-97 A4].
— Benton, O. [**24**-124 D3].
— Bergen, N.J. [**24**-104 C3].
— Berwick, Me. [**24**-96 B5].
— **BERWICK**, E. Lothian, Scot. [**24**-12 B1]; **16**-519d; fishing **7**-875b; golf **7**-875a.
— Berwick Law, mt., Scot. **7**-875a.
— Bessemer, Pa. [**24**-106 B3].
— Beveland, isl., Holl. [**24**-28 B3]; **23**-939c.
— Billerica, Mass. [**24**-99 C1].
— Blandford, Mass. [**24**-98 B1].
— Blenheim, N.Y. [**24**-103 F3].
— Bloomfield, Conn. [**24**-101 C1].
— Borneo, state, Bor. **3**-915a *see also* Borneo, British North.
Northboro, Ia. [**24**-138 B4].
—, Mass. [**24**-99 C1].
North Boston, N.Y. [**24**-103 B3].
— Boylston, N.Y. [**24**-103 E2].
— **BRADDOCK**, Pa. **16**-520a

North Bradford, Me. [24-96 D3].
— Bradley, Mich. [24-131 G6].
Northbranch, Kan. [24-142 D2].
North Branch, Md. [24-108 A1].
— Branch, Mich. [24-131 H6].
— Branch, Minn. [24-135 F6].
— Branch, N.J. [24-105 B2].
— Branch, Sask., Can. [24-91 E3].
— Branford, Conn. [24-101 C2].
NORTHBRIDGE, Mass. [24-99 C1]; 16-520a.
North Bridgewater, Mass.: *see* Brockton.
— Bristol, O. [24-124 E2].
— Bristol, Wis. [24-133 D6].
—British Ry. (Scot.) 18-917a; *see also* London and North Eastern Railway Co.
North Briton (period) 17-513b; No. 45 10-186b; 23-602d; parliamentary reports 16-336a.
Northbrook, Francis T. Baring, baron 3-111d.
—, **THOMAS G. BARING**, earl of 16-520a; 12-197a; 3-111d.
—, isl., Arct. [24-4 A9].
North Brookfield, Mass. [24-98 B1].
— Brookfield, N.Y. [24-103 E3].
— Brookline, N.H. [24-97 C4].
— Brooksville, Me. [24-96 D4].
— Buena Vista, Ia. [24-138 F2].
— Cachar, mts., India 4-508d.
— Caicos, isl., Bah. [24-157 D2].
— Canadian, riv., Okla. [24-143 B2].
— Canton, Conn. [24-101 C1].
— Canton, O. [24-124 D3].
— **CAPE**, promontory, Nor. [24-42 M1]; 16-520b; 2-291a.
— Cape drift 2-303a.
— **CAROLINA**, state, U.S. [24-112; 24-95 K3]; 16-520b; Am. rev. 1-800a; Blue Ridge mts. 22-716a; chinch bug 5-555b; cigarette mfr. 21-41d; Civil War 1-754b; coal 5-904; constitution 22-793b; cotton 21-40b; Pl. II. fig. 1 6-COTTON AND THE COTTON INDUSTRY; deaf 7-103d; furniture 21-42d; grapes 23-172a; kaolin 5-549d; legitimacy law 13-879c; money lending 15-700b; Negro educ. 21-43d; Negro statis. 16-195c; payment of legis. 17-409a; Roanoke 1-748d; suicide rate 21-533c; Tennessee 21-935c; tobacco 21-41d; 22-262c.
— Carolina State University 16-522c; 21-43d.
— Carolina State College of Agri. and Engin. 18-962a.
— Carrollton, Miss. [24-119 C2].
— Carson, lake, U.S. 10-672d.
— Carver, Mass. [24-99 D2].
— Castine, Me. [24-96 D4].
— Caucasian, area, U.S.S.R. [24-49 F5; 24-49 E5]; 7-522a; 5-53c fol.; *see also* Chang La, Himalaya.
— Caucasian languages 5-54b.
— Central Coll. (Ill.) 16-70a.
— Chapel, Eng. [24-15 C4].
— Charleston, S.C. [24-113 E4].
— Charlestown, N.H. [24-97 B3].
— Chatham, N.H. [24-97 C2].
— Chelmsford, Mass. [24-99 C1].
— Chelsea, Mass 23-661c; *see also* Revere.
NORTH CHICAGO, Ill. [24-128 E1]; 16-525d.
North Chichester, N.H. [24-97 C3].
North China Daily News (news.) 16-354b.
NORTHCLIFFE, ALFRED Charles W. H., viscount 16-526a; Allied cause 18-582d; *Daily Mail* 16-339a; F. G. Jackson 9-699c; modern journalism 16-341d; newspaper devel. 16-336c fol.; paper indus.; 16-291b; polar exped. 2-299d.
Northcliffe Newspapers, Ltd. (Eng. Co.) 16-344a.
North Clymer, N.Y. [24-102 A3].
— Collins, N.Y. [24-102 B3].
— Concord, Vt. [24-97 C2].
— Conway, N.H. [24-97 C2].
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—, **STAFFORD H.**, 1st baron 16-527b; *see also* Iddesleigh.
—, Minn. [24-134 B3].
—, N.Z. 2-669d.
North Cove, Wash. [24-150 A4].
— Craftsbury, Vt. [24-97 B2].
— Creede, Colo. [24-147 D4].
— Creek, O. [24-124 A2].
— Croghan, N.Y. [24-103 E1].
— Cromwell, Conn. [24-101 C1].
— Cutler, Me. [24-96 E4].
NORTH DAKOTA, state, U.S. [24-136; 24-95 F1]; 16-527b; Agri. coll. 9-76b; coal 5-906b; 5-904; deaf 7-103d; farm 1-415d; 22-343c; legitimacy 13-879c; Louisiana Purchase 14-432d; money lending 15-700b; Nonpartisan League 16-486a; payment of legislators 17-409a; recall 19-10b; taxes 1-417c; urban population 22-736b.
Northdale, Colo. [24-147 A4].
North Dana, Mass. [24-98 B1].
— Danger, bank, Mal. Arch. [24-72 D1].
— Dartmouth, Mass. [24-99 C2].
— Dighton, Mass. [24-99 C2].
— Dixmont, Me. [24-96 C4].
— Dixon, Ill. [24-128 C2].
— Dorchester, N.H. [24-97 C3].
— Dorset, Vt. [24-97 A3].
— Downs, hills, Eng. [24-15 C4; 24-177 G5]; 7-564c fol.
— Dum-Dum, India: *see* Dum-Dum.
— **DWINA PROVINCE**, U.S.S.R. 16-531d; 19-695b.
Northea sechellarum: *see* Capucin.
Northeast, Md. [24-109 D1].
North East, Pa. [24-106 B1].
— East, cape, Alsk. [24-156 F5].
North-east, passage, Arc. 2-297d.
Northeast, passage, La. [24-121 E4].
— East Boundary Dispute 14-690c.
— East Carry, Me. [24-96 C3].
— East Coolgardie, goldfield, W.Aus., Austr.: *see* Coolgardie.
"Northeast End" (lightship, Delaware Bay) Pl. I. fig. 2 14-LIGHTHOUSES.
North-East Foreland, dist., Green. [24-4 12]; map 2-295 (J1).
Northeast Foreland, cape, Green. 10-857d.
— Eastern Ry. (Eng.) 18-917a; *see also* London and North Eastern Railway Company, The.
— Eastern Steel Company 7-541a.
North Eastham, Mass. [24-99 E2].
— East Land, dist., Arct. [24-4 10]; 21-249c.
— Easton, Mass. [24-99 C1].
— Eaton, O. [24-124 C2].
— Edisto, riv., S.C. [24-113 D4].
Northeim, Ger. [24-38 F2].
North Elbe, N.Y. [24-103 G1].
— Elizabeth, N.J. [24-104 A4].
— Elmham, Eng. 3-121a.
— English, Ia. [24-138 E3].
— Equatorial, current, Pac. O. 17-18c.
Northern (in place names) *e.g.*, Northern Circars, Northern Sporades, etc.: *see* Circars, Northern, Sporades, Northern, etc., *except as below.*
— aard-vark (animal) 1-4a.
— Accord (Russ.) 17-184d.
— Act (1926, Austr.) 16-532b.
— Arm, inlet, Nfd. [24-93 C2].
— **AUSTRALIA** [24-166 E2]; 16-532a.
— Baptist Convention (U.S.) membership 3-90d fol.
— Bay, Nfd. [24-93 D3].
Northern Bight, Nfd. [24-93 C3].
Northern California 11-225b.
Northern celadon 18-364a.
— constellations 6-313c.
— cornel (shrub) 7-503d.
— Counties Amalgamated Association of Weavers 6-564d.
— Cross: *see* Wabash Railway Co.
— Dvina, riv., U.S.S.R. [24-48 F2; 24-179 O3]; 7-783a.
Northern Farmer, The (poem, Tennyson) 21-940d.
Northern fennoe 9-161a.
— Football Union: *see* Rugby League.
— fox grape 23-169b.
— fur seal 4-900b.
— Illinois State Teachers Coll. 7-146a
— Ireland [24-20 D2]: *see* Ireland, Northern.
— Jurisdiction 9-739c.
— **LAND**, Arct.: *see* Nicholas Land.
Northern Lasse, The (Brome) 4-233c.
Northern Lighthouse Commissioners 14-102a fol.
— lynx il. 14-528.
— Malinké 14-727b.
— Michigan Hospital for the Insane 22-436d.
Northern Mists, In (Nansen) 16-67d.
Northern mocking-bird 15-630a.
— Pacific corner 17-184c.
NORTHERN PACIFIC RAILway (U.S.) 16-533c.
— pocket gopher habitat 10-522d.
— Polytechnic (London) 18-194a; 18-193d fol.
Northern Rhodesia, prov., Af. [24-77 F7; 24-5, 82, 83 E5]; 19-262b; 19-266b; tobacco 22-262d fol.
— schist range 12-896c.
— sea-elephant 20-240a.
— sea-lion 20-243d.
— Securities Company 19-538a; 22-828a.
— Shan States, Bur. 20-462a; *see also* Shan States, Northern.
— Spy (apples) 9-885b.
— State Normal School 15-421d.
— Talma: *see* Alexander I. (of Russ.).
— Territories, Go. Cst. [24-80 D4]; 10-488d fol.
— Territory, dist., Austr. 2-734d fol.
— turkey 22-617b.
— Urals, mts., U.S.S.R.: *see* Obdorsk.
— Virginia, Army of 23-596c fol.
— War 10-273c; 18-654c; Peter I. 19-716d; Poland 18-143a.
Northern Whig (news.) 16-341b.
Northern wind-flower 1-919b.
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— *Revue* (Fr. mag.) **1**-149a.
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— Acta Eruditorum (Ger. math. publication) **15**-79c.
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Novosil, U.S.S.R. [**24**-49 E4].
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Novotny, A. **5**-435a.
—, Václav **6**-966d.
Novo-Urei, U.S.S.R. **15**-341d.
Novo Usensk, U.S.S.R. [**24**-49 G4].
Novum, Va. [**24**-110 F2].
— castellum, Switz.: *see* Neuchâtel.
— Comum, It. **6**-139d.
Novum Instrumentum (Erasmus) **3**-521c.
Novum monasterium, Ger.: *see* Neumünster.
Novum Organum (Bacon) **2**-884b; **8**-585b; **9**-56a.
Novus Burgus, Monm., Eng.: *see* Newport.
Novus denarius (coin) **17**-485c.
Novwerden, U.S.S.R.: *see* Novgorod.
Novy (battle, 1044) **1**-976b.
Novya Dorogi, U.S.S.R. [**24**-49 C4].
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NOWATA, Okla. [**24**-143 H2]; **16**-582a.
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NOWAWES, Ger. [**24**-39 J1]; **16**-582a.
Nowa Wilejka, Pol. [**24**-41 G1].
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NOWELL, ALEXANDER 16-582a.
Nowe Miasto, Pomorze, Pol. [**24**-40 D2].
— Miasto, Warsaw, Pol. [**24**-40 E3].
Nowendoc, N.S.W., Austr. [**24**-171 K3].
NOWGONG, Assam, India [**24**-66 C1]; **16**-582c.
NOWGONG, Chhatarpur, India **16**-582b; **5**-444d.
Nowgorod-Sieversk, U.S.S.R. [**24**-49 D4].
Nowogeorgiewsk, ft., Warsaw, Pol. (1915) **14**-469c.
Nowogródek, Pol. [**24**-41 G2].
—, prov., Pol. [**24**-41 G2]; **18**-129b.
No Wood, Wyo. [**24**-146 E2].
Nowo Radomsk, Pol. [**24**-40 D3].
Nowra, N.S.W., Austr. [**24**-171 K5].
Nowy Dwór, Pol. [**24**-41 G2].
NOWY SANCZ (Sącz), Pol. [**24**-40 E4]; **16**-582c.
— Targ, Pol. [**24**-40 E4].
Nox (pseud.): *see* Willette, Leon Adolphe.
Noxapater, Miss. [**24**-119 C3].
Noxen, Pa. [**24**-107 E2].
Noxious thing (legal term) **18**-118a.
Noxon, Mont. [**24**-144 A1].
Noxubee, co., Miss. [**24**-119 D2].
—, riv., Miss. [**24**-119 D2].
Noya, Sp. [**24**-32 B1]; **6**-479d.
—, riv., Fr. Af. [**24**-82 A2].
—, riv., Sp. **12**-75b.
"Noyades" (of Nantes) (ships) **4**-930c.
Noyal-sur-Vilaine, Fr. [**24**-24 D3].
Noyan, Que., Can. [**24**-89 B3].
— (offn.) **20**-700a.
Noyant, Fr. [**24**-24 F4].
Noye, riv., Fr. [**24**-24 H2].
Noyelle-sur-Mer, Fr. [**24**-24 G1].
Noyers, Basses Alpes, Fr. [**24**-27 J3].
—, Yonne, Fr. [**24**-25 K4].
Noyes, A. A. **8**-197d; **20**-962d.
—, **ALFRED 16**-582c; **8**-600c.
—, G. R. **16**-959d.
—, John H. **16**-759d.
—, Marie **8**-234d.
—, W. A. **2**-649b.
—, pt., R.I. [**24**-100 B4].
Noyo, N.Rhod. [**24**-82 D5].
NOYON, Fr. [**24**-25 J2]; **16**-582c; **10**-543c.
Noyon-Montdidier (batt e, 1918) **22**-840b.
Nozay, Fr. [**24**-24 D4].
Nozeroy, Fr. [**24**-27 K1].
Nozu (Jap. gen.) **5**-589d.
Nozzle (mech.) **21**-355b; fig. 12 **22**-579.
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N-phenyl glycine-amido-p-arsonic (acid): *see* Tryparsamide.
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N.S. (abbrev.) **1**-25c.
Nsibidi (writing) **1**-678b.
N.S.S., states, Bur.: *see* Northern Shan States.
Nsumba, isl., Bel. Cong. **6**-241c.
Nsuta (tribe) **2**-504c.
N.T. (abbrev.) **1**-25c.
Ntlakyapamuk (tribe): *see* Thompson.
Ntomba, lake, Bel. Cong. **6**-241c.
N.T.P. (phys.) **7**-221b.
Ntwe Ntwe, salt pan, Bech. [**24**-81 D2].
Nual, Fr. W.Af. [**24**-80 C2].
Nuanetzi, S.Rhod. [**24**-81 E2].
—, riv., Port. E.Af. and S. Rhod. [**24**-81 E2].
Nuangola, Pa. [**24**-107 F2].
Nuantogluin, Iv. Cst. [**24**-80 C4].
Nuba, tribal land, A.E. Sud. [**24**-79 C4, 3].
NUBA, THE (people) **16**-582d; lang. **1**-332d; *see also* Nabatal.
— Nubians (race) **8**-37b.
NUBAR PASHA 16-583b.
Nubes, mts., C.Am.: *see* Madre.
Nubi (tribe): *see* Kenuz.
NUBIA, dist., A.E. Sud. [**24**-79 C3]; **16**-584a.
Nubian, desert, A.E. Sud. [**24**-79 C3; **24**-184 G3]; railway **8**-105c fol.; Sahara **19**-815b.
— goat **10**-457a.
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NUBIANS: *see* Barabra.
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Nucellar cap (bot.) **11**-24c.
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— Alfaterna, It. **16**-478a.
— Camellaria, It. **22**-679a.
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Nuckoles, Neb. [**24**-139 F4].
Nuckols, Ky. [**24**-116 C3].
—, Va. [**24**-110 F3].
Nucla, Colo. [**24**-147 B3].
Nuclear div. (embryol.) **8**-975a.
Nuclearia (biol.) **18**-633b.
Nuclear theory **2**-642b.
Nuclease (chem.) **7**-380d.
Nucleic acid (chem.) **18**-778d.
Nucleo-cytoplasmic ratio (biol.) **10**-920c.
Nucleolus (biol.) **18**-621a.
Nucleoplasm (biol.) **18**-617a; cytoplasm **19**-170b.
Nucleoproteins (bio-chem.) **18**-610b.
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— Sudd., tribal land, A.E. Sud. [**24**-79 C6].
Nuestra Señora de Guadalupe de los Reyes (mine, Mex.) **20**-705b.
— Señora de la Asunción, Para.: *see* Asunción.
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— Andalucía, region, U.S.: *see* New Mexico.
— Barcelona: *see* Barcelona (Venez.).
— Cáceres, P.I. **16**-58d.
— Cadiz, Venez. **14**-878d.
— Cartago: *see* Costa Rica.
— Esparta, state, Venez. [**24**-162 E1]; **14**-878c.
Nueva Granada, country, S. Am. **3**-780c; *see also* Colombia.
— Imperial, Chile **5**-64b.
— **SAN SALVADOR**, Salv.: *see* Santa Tecla.
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— Banco Español de San Fernando: *see* Spain, Bank of.
— Laredo, Mex. [**24**-158 E2].
— **LEON**, state, Mex. **16**-594d.
— Reino de Granada, dist., S. Am.: *see* New Granada.
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Nugsuak, penin., Green. [**24**-87 T2; **24**-4 A14]; **10**-859a.
Nuh, Ras, cape, Bal. [**24**-65 A3].
Nuhez, Ariz. [**24**-149 D6].
Nuhiāl (Indian) **4**-980b.
Nu-hsi, riv., China [**24**-70 C4].
Nuhu Roa, isl., Mal.Arch. **13**-312b.
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Nui, isl., Pac.O. **8**-368d.
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Nuits, Fr. [**24**-25 K4].
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Nukufetau, isl., Pac.O. **8**-368d.
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Nukulailai, isl., Pac.O. **8**-368d.
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Nukumbalate, isl., Pac.O. [**24**-176 F2].
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— (mech.) **2**-952b.
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Nullagir, W.Austr. [**24**-168 B3].
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Nullo (card game) **20**-727d.
Null-set (math.) **6**-95d.
Nulltown, Ind. [**24**-127 C3].
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NUMA POMPILIUS (Rom. k.) **16**-596c; **19**-475c.
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Number (gram.) **10**-614c.
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— One (golf) **10**-504c.
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—, Analytic theory Diophantus **7**-399a.
Number Six, Me. [**24**-96 B4].
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NUMBER SEQUENCES 16-608c.
— worship **1**-62b.
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Numedalslaagen, riv., Nor. **16**-545d.
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— mitrata (bird) **10**-972c.
— papillosa (bird) **10**-972c.
— ptilorhyncha **10**-972c.
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— Constantina, Rom.prov., Af.: *see* Numidia.
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— **(DE ARCE), GASPAR 16**-640d; **21**-159c.
—, **PEDRO 16**-640c.
— (de Balboa), Vasco: *see* Balboa.
—, riv., Af. **9**-759b.
—, riv., Fr. Guin. [**24**-80 B3].
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Nung-hai, China [**24**-70 D2].
Nunhead, dist., Lond., Eng. **4**-638a.
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Nunnery **6**-352d.
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—, Sard. [**24**-35 B4].
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Nūraddīn **4**-610a.
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Nuraghi **2**-971c.
Nurakita, isl., Pac. O. **8**-368d.
Nura-tau, mts., Turkist. **22**-206c;
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— goblet **10**-403b.
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— boats (law) **19**-633a.
— bodies (mech.) **15**-899d.
— caisson **4**-538c.
— canal: *see* Open conduit.
Open-cell process (timber) **22**-222b.
Open-chain compounds (chem.) **21**-390d; *see also* aliphatic compounds.
Open channel, flow (engin.) **11**-972a fol.
— circuit fig. 9 **21**-883.
Open-Circuit Voltage (elec.) **3**-217b.
Open conduit (engin.) **2**-161d.
Open Conspiracy, The (H. G. Wells) **23**-503c.
Open cradle side tippler (car) **23**-283a.
Open-cut quarrying Pl. figs. 1-7 **18**-QUARRYING.
Open diplomacy **7**-404c.
— door policy (China) **5**-539b.
Opener (mach.) **6**-571c.
OPEN-FIELD SYSTEM (agri.) **16**-801d; **6**-125a.
Open file (chess) **5**-426d.
— flutes (mus.) **16**-894a.
— formation (football) **9**-485a.
— fracture: *see* Compound fracture.
— hearth acid (steel) **12**-658c.
— hearth basic (steel) **12**-658c.
— hearth furnace **11**-312d.
OPEN-HEARTH STEEL Process (indus.) **16**-802b; **9**-193b; **6**-907d; **12**-659b.
Open hotplate (stove) **10**-55a.
Opening (jute) **13**-216b.
— (chess) **5**-426d.
— (pottery) **18**-373c.
— (silk) **20**-675a.
— balance sheet (fin.) **2**-958a.
— bridge (engin.) **4**-129d.
"Opening of Waterloo Bridge, The" (Constable) **6**-293c.
Open jig (device): *see* Plate jig.
— market policy (banking) **9**-138b.
— pit (diamond) **7**-317d fol.
— Price Associations (econ.) **2**-567a.
— shelf (library) **14**-7d.
— **SHOP**: *see* Closed Shop; *see also* **12**-294a.
— slating (arch.) **19**-533d.
— surface condenser (chem.) **7**-430a.
— tank method (timber) **22**-221d.
Opeongo, Ont., Can. [**24**-90 D2].
—, lake, Ont., Can. [**24**-90 C2].
OPERA **16**-802d; aria **2**-341b; ballet **2**-998a fol.; Cambert **4**-637d; Don Juan **7**-529c; Handel **11**-145b; oratorio **16**-843b; **23**-279b; *see also* Ballad Opera; Melodrama; and under names of composers.
— (bldg, Berlin, Ger.) **3**-446c.
—, arrond., Paris **17**-291a.
—, place de l', Paris **17**-286c.
— buffa (bouffe) **16**-21b fol.; **16**-806c.
— Comique (Paris) **17**-297b.
— comique (mus.) **16**-21c; **7**-597a.
— costume il. **6**-512b.
— del Duomo (Florence) **7**-171b.
Opera-glass (optics) **21**-906c.
Opera House (Paris, Fr.) **22**-25c; facade Pl. V. fig. 3 **20**-SCULPTURE TECHNIQUE; staircase Pl. II. fig. 3 **21**-STAIR—STAIRCASE.
— House (Vienna, Aus.) Pl. fig. 7 **23**-VIENNA.
Opera moralia (Plutarch) **18**-91a fol.
Opera Nazionale Dopolavoro (It.) **14**-222b; *see also* Dopolavoro.
Opera of Operas, The (burletta, Arne) **2**-419b.
Opera Pomponii Lacti varia (Laetus) **13**-586b.
Operation (med.) **21**-602b fol.
Operations, centre of (mil.) **21**-581b.
Operative dentistry **7**-222d.
— myxoedema (disease) **16**-55d.
Operator (radio) **4**-222b fol.
Operatorless elevator **8**-353a.
Opercula insulae (anat.) **4**-13d.
Operculate calyx (bot.) **9**-411c.
Operculina (zool.) **8**-631d.
Operculum (zool.) **23**-102b; *see also* Gill cover.
— (bot.) **4**-306b.
Opere et eleemosynis, De (St. Cyprian) **6**-930d.
Operetta **16**-21c.
Operette Morali (Leopardi) **13**-942b.
Opernhaus (Dresden) **22**-25c.
Opet (myth) **8**-59c.
Opheim, Ill. [**24**-128 B2].
—, Mont. [**24**-144 E1].
Ophel (Jerusalem) **16**-253a.
Opheliidae (worm) eyes **1**-991d.
Ophicalcite (stone) described **14**-859d.
Ophichthyidae (fish fam.) **9**-317c.
OPHICLEIDE (mus. instru.) **16**-806d; **4**-346c.
Ophideres imperator (insect) fig. 19 **13**-951.
Ophidia (reptile) **20**-753b; **20**-849d; *see also* Snakes.
Ophidiidae (zool.) **9**-322d.
Ophidioidea (zool.) **9**-320c fol.
Ophidium (fish genus): *see* Cuskeel.
Ophiocephaloidea (zool.) **9**-320c fol.
Ophiocephalus (zool.) **9**-323a.
Ophiocytium (bot.) **1**-596b; figs. 2, O **1**-595.
Ophioglossaceae (bot.) **15**-782b.
Ophion obscurum (insect) **12**-57c.
Ophiopluteus (zool.) **12**-556d fol.; *see also* Pluteus.
Ophiopogonoideae (bot.) **14**-121d.
Ophiopogon japonicus (bot.) **14**-122a.
Ophiopsiseps (zool.) **14**-246a.
Ophiorrhiza Mungos (plant): *see* Snake-root.
Ophiosaurus ventralis (snake): *see* Glass snake.
OPHIR (biblical region) **16**-807a.
—, Alsk. [**24**-156 J5].
—, Ky. [**24**-116 H3].
—, N.S.W., Austr. [**24**-171 J4].
—, Utah [**24**-152 B2].
— (Gunong Ledang), mt., Mal. Penin. [**24**-71 B5]; **13**-120a.
—, mt., Sum. [**24**-72 A3].
"Ophir" (ship) **8**-14d.
Ophiro, Oreg. [**24**-151 A5].
Ophisaurus (lizard) **14**-247b.
— apus (lizard): *see* Glass-snake.
Ophisops (lizard) **14**-246c.
Ophisthoproctidae (zool.) **19**-889b.
Ophite (petrol.) **20**-52b.
Ophites, riv., Syr.: *see* Nahr El-'Asi.
OPHITES (Gnostic sect) **16**-807a.
Ophitic structure (min.) **7**-506a.
OPHIUCHUS (astron.) **16**-807c; Pls. I., II. **21**-STAR; globular star clusters **21**-333b.
Ophiuricola cynips (worm) **1**-993a.
Ophiuroid (zool.) **20**-821c; *see also* Starfish.
OPHIUROIDEA (zool.) **16**-807c; echinoderma **7**-900c; *see also* Brittle-star.
Ophiusa, isl., Medit.: *see* Formentera.
Ophni, Pal. anc. map **17**-129.
Ophois (myth) **8**-59d; *see also* Upuaut.
Op Hoop van Zegen (Heyermans): see *Good Hope, The*.
Ophrah, Pal. anc. map **17**-129.
Ophrydeae (bot.) **16**-849c.
Ophryocystis (biol.) **18**-634b.
Ophryoscolex (biol.) **18**-635a.
Ophryotrocha (zool.) dedifferentiation **7**-130d.
OPHRYS (bot.) **16**-807c.
Ophthalmia, mts., W.Aus., Austr. [**24**-168 B3; **24**-192 B2].
— (med.) **20**-683d.
Ophthalmia, school: *see* Epidemic muco-purulent conjunctivitis.
—, sympathetic (med.) **9**-10a.
— neonatorum (med.) **3**-732a.
Ophthalmic division (anat.) **16**-233b.
— glass Pl. II. figs. 1, 10 **16**-OPTICS.
OPHTHALMOLOGY (med.) **16**-807c, atropine **2**-655c.
Ophthalmometer **23**-203b.
Ophthalmosaurus (extinct reptiles) **12**-58a.
Ophthalmoscope (instru.) **7**-307a.
Opiate (med.) **4**-236c.
OPIE, AMELIA **16**-808c.
OPIE, JOHN **16**-808d; Wolcot **23**-694c.
Opihi, riv., N.Z. [**24**-173 C6].
Opiliones (zool.) **2**-207a.
Opimius, L. (Rom. consul) **10**-584c.
Opinion (law) in evidence **8**-909a.
— (philos.) **8**-774d.
O Pioneers! (nov., Cather) **5**-36a.
Opis, ruins (Mesop.), 'Iraq [**24**-61 B3]; map **15**-288; **22**-210d.
—, Battle of (538 B.C.) **2**-857c.
Opisthandria (animal) **15**-502c.
Opisthatheae (zool.) **2**-205d.
Opisthobranchia (zool.) **10**-59c; **10**-64c.
OPISTHOCOMIDAE: *see* Hoatzin.
Opisthocomus hoatzin (bird): *see* Hoatzin.
OPISTHODOMUS (arch.) **16**-809a.
Opisthoglypha (zool.) **20**-852c.
Opisthomi (zool.) **9**-327b; **9**-325b.
Opisthomyzon (zool.) **9**-325b.
Opisthonephros (embryol.) **23**-103a.
Opisthopatus (zool.) **16**-798d.
Opisthophthalmus (zool.) **20**-137b.
Opisthoproctidae (zool.) **9**-313d.
Opisthorchidae (zool.) **22**-451b.
Opisthorchis (zool.) **22**-452c.
Opisthosoma (zool.) **2**-201b.
Opisthoteuthis extensa (zool.) fig. 24 **5**-155.
— medusoides (zool.) fig. 24 **5**-155.
Opisthotic bone (anat.) **20**-762a fol.
OPITZ VON BOBERFELD, Martin (Ger. poet) **16**-809a; **10**-216b.
OPIUM (drug) **16**-809b; addiction **7**-675d fol.; antidote **18**-326a; codeine **5**-952d; importation **5**-536b fol.; outlawed **5**-541a.
— alkaloids **1**-643a.
— Conventions (int. law) **16**-812c.
— **EATING AND OPIUM Smoking** **16**-811a.
— poisoning (med.) **9**-285c.
— poppy **5**-518d; **16**-809b; fig. 1 **16**-809; **18**-228d.
— **TRAFFIC** (comm.) **16**-812a.
— Wars (1840 and 1855) **16**-812a fol.; **11**-718d fol.
Opl (chem. process) **21**-546c.
Opladen, Ger. [**24**-38 C2].
Opland, co., Nor. **16**-547c.
—, Nor. [**24**-44 C1].
Opobo, Nig. [**24**-80 F5].
—, riv., Nig.: *see* Imo.
Opoczno, Pol. [**24**-40 E3].
Opodeldoc (soap) **20**-861b.
Opodepe, Mex. [**24**-158 B1].
Opoiti, N.Z. [**24**-172 F3].
Opolchenie (U.S.S.R., army) **2**-407a.
Opole, Pol. [**24**-40 E3].
OPON, P.I. **16**-813c.
OPOPONAX (resin) **16**-813c.
Oporabia (zool.) **8**-923c.
OPORTO, Port. [**24**-32 B2]; **16**-813c; **18**-281a fol.
— to Corunna (s.s. route) [**24**-32 B2].
— to Lisbon (s.s. route) [**24**-32 B2].
Oposhne, U.S.S.R. [**24**-49 D5].
OPOSSUM (animal) **16**-814d; fur fig. 14 **9**-937; marsupialia **14**-977a.
—, water: *see* Water-opossum.
OPOSSUM-RAT **16**-815a.
Opotchka, U.S.S.R. [**24**-48 C3].
Opotiki, tn. and co., N.Z. [**24**-172 F3].
Opp, Ala. [**24**-118 C4].
Oppa, bay, Jap. [**24**-75 M4].
—, riv., Czech. [**24**-51 E1].
Oppel (Ger. geol.) **17**-104a.
OPPELN, Ger. [**24**-40 C3]; **16**-815a.
Oppelo, Ark. [**24**-120 C2].
Oppenheim, Lassa F. L. **12**-525d.
OPPENHEIM, Ger. [**24**-38 D4]; **16**-815b.
OPPERT, JULIUS **16**-815b.
OPPIAN (Gr. name) **16**-815b.
— (of Corycus) (Gr. poet) **16**-815b.
— (of Apamea) **16**-815c.
Oppianicus, Statius Albius **5**-861c.
Oppian law (Rom.) **21**-559b.
Oppidan, Eton Coll. **8**-783a.
Oppidum Ubiorum, anc. town **6**-30c.
Oppikofer (Swiss engin.) **15**-69c.
OPPIUS, GAIUS **16**-815c.
Opponent colours theory (physiol.) **23**-208b.
Opportunism **15**-50a.
Opportunity, Neb. [**24**-139 F2].
— classes (educ.) **21**-577b.
Oppose (verb) **1**-774a.
Opposite leaves (bot.) **13**-828a; figs. 17-28 **13**-826.
OPPOSITION (logic) **16**-815c.
— (pol.) **10**-562d.
—, doctrine of (logic) **14**-309c.
Oppositions, Bulletin officiel des (Paris bourse) **21**-422c.
Oppy, Fr. Battle of Arras (1917) map **2**-429.
—, Ky. [**24**-116 H3].
Opragte Haarlemmer Courant, De (Haarlem news.) **11**-51c.
Oprichina (Russ. govt.) **12**-831c.
Oprishnina (tsar land) **19**-715a.
Ops (myth.) **20**-7b; *see also* Bona Dea.
—, N.Dak. [**24**-136 G1].
Opsonic action (bac.) **2**-899a.
Opsonin **2**-899a.
Opstead, Minn. [**24**-135 E5].
Optative mode **21**-983a.
Optatus (of Mileum) **2**-684b.
Optez **22**-862a.
Optic, Oliver: *see* Adams, W. T.
— activity **22**-946a; *see also* gyration.
— foramen (anat.) **20**-759c.
Optical anomalies **6**-827b.
— apparatus **14**-90c; Pl. II. figs. 1-7 **14**-LIGHT-HOUSES.
— glass **10**-404a; **10**-417d; **9**-70c; **10**-414a; grating **23**-842a.
— gyration **14**-75b.
— illusions **15**-591a; figs. 20-22 **23**-212; after image **1**-336b; anamorphosis **1**-871d; astron. **1**-624c.
— indicatrix **6**-824d fol.
— instruments **16**-816d; **4**-657d fol.
— interference **18**-431d.
— isomerism **12**-722a.
— lantern: *see* Magic lantern.
— manometer **22**-1001a.
Optical method **7**-369c; **21**-613c.
— properties **5**-394b.
— pyrometer **22**-127a; **22**-126d.
— rotatory power **8**-319b.
— tricks **6**-200c.
Optic axis **14**-74c; of crystals **6**-824c; **6**-825d; *see also* Axis Optic.
— chiasma: *see* Optic commissure.
— commissure **16**-232d; fig. 9 **4**-14; fig. 2 **16**-234.
— cup **23**-101b.
— decussation **4**-16c.
— disc **9**-5d.
— groove **20**-759c.
— lobe il. **4**-18; fig. 8 **16**-242.
— nerves **16**-808b; fig. 9 **4**-14; fig. 2 **16**-234; fig. 1 **9**-5; lamprey fig. 8 **16**-242; neuritis **9**-10c; santonin treatment **19**-981d; shark fig. 13 **4**-18; vertebrate embryol. **23**-101b.
— radiation **16**-232d fol.; fig. 10 **4**-15.
OPTICS **16**-815c; anamorphosis **1**-871d; Arago **2**-209a; catoptric apparatus **14**-90c fol.; chromatic aberration **16**-824a; Descartes **7**-251a; Eikonal **16**-820a; Epicurus and Lucretius **14**-466c; eye **9**-4d; **23**-200c; Fresnel **9**-

836a; optical instruments **16**-826d; Pl. **21**-TELESCOPE; Wollaston **23**-699a; X-rays **23**-843b; *see also* Sight *and* Light.
Optics (physiol.): *see* Vision.
Optics (Euclid) **8**-802a.
Optics (Newton) **16**-861d.
Optic thalamus **4**-3d; **4**-12c.
— tract **16**-232d; fig. 6 **4**-12; fig. 9 **4**-14; fig. 2 **16**-234; alligator fig. 14B **4**-18; pigeon fig. 15 **4**-18.
— vesicles **9**-6c.
Optima, Okla. [**24**-143 B2].
OPTIMISM **16**-828d.
Optimo, N.Mex. [**24**-148 E3].
Optimo Reipublica estatu, degue nova insula Utopia, De (More): see *Utopia.*
OPTIMUM POPULATION **16**-828d.
OPTION (eccl.) **16**-829a.
Optional referendum: *see* Facultative.
OPTIONS (business) **16**-829b.
Optochin **2**-79b.
OPTOPHONE **16**-830c; **20**-308c.
Opua, N.Z. [**24**-172 E1].
Opunake, N.Z. [**24**-172 D3].
Opuntia basilaris (bot.) Pl. fig. 3 **4**-CACTUS.
— coccinellifera (zool.): *see* Nopal.
— Ficus indica (bot.): *see* Barbary fig *and* Indian fig.
Opuntiales (bot.) **18**-2c.
Opuntia monocanthia fig. 7 **21**-381.
— subulata **18**-478c.
— tuna **18**-478c.
— vulgaris Pl. fig. 2 **4**-CACTUS; *see also* Prickly pear.
Opus Alexandrinum **15**-833d.
— incertum **19**-390a.
— mixtum **19**-390b.
— musivum **19**-402c.
Opus Palatinum (Rheticus) **15**-80a.
Opus quadratum **19**-390a.
— reticuculatum **19**-390a fol.
— sectile **19**-402d; Pl. IV. fig. 11 **19**-ROMAN ART.
— tessellatum **19**-402a.
— testaceum **19**-390a fol.
— vermiculatum **19**-402a.
Oputo, Mex. [**24**-158 C2].
OPZOOMER, CORNELIUS William **16**-830c.
'Oqba **15**-815c.
Oquaga, N.Y. [**24**-103 E3].
Oquair, Arab. [**24**-62 E2].
O quam gloriosum (Victoria) **19**-278a.
Oquawka, Ill. [**24**-128 B3].
Oquossoo, Me. [**24**-96 B4].
Or, cape, N.S., Can. [**24**-88 E3].
—, mt., Fr. **14**-530c; **7**-549c.
—, riv., U.S.S.R. **22**-887d.
— (her.) **11**-467c.
Ora, Ill. [**24**-129 D6].
—, Ind. [**24**-126 B1].
—, S.C. [**24**-113 B2].
ORACHE (MOUNTAIN Spinach) **16**-830c.
Oracle, Ariz. [**24**-149 E6].
ORACLE (rel.) **16**-830d; **22**-446b; Alexander the Paphlagonian **1**-576b; inscriptions **12**-397a.
—, the: *see* Johnson, Samuel.
— bones (Honan, China) **5**-531b.
Oracles, Histoire des (Fontenelle) **9**-452d.
Oracles of Hystaspes: *see* Hystaspes, Oracles of.
ORADEA MARE, Rum. [**24**-53 A2; **24**-9 L4]; **16**-833c.
Oradell, N.J. [**24**-104 C1].
Ora del Mina, Go. Cst.: *see* Elmina.
Oradia Mare, Rum.: *see* Oradea Mare.
Or Adonai (H. Ben Abraham Crescas) **6**-670a.
Oradour-sur-Vayres, Fr. [**24**-26 D2].
Oraefajökull, glacier, Ice. map **12**-43c.
Orage, A. R. **10**-967c.
"Orage" (ship) Pl. O. fig. 2 **7**-DESTROYER.
O'Rahilly, Egan **12**-644b.
Orai, India [**24**-67 C1].
Oraibi, Ariz. **11**-736d.
— Wash, riv., Ariz. [**24**-149 E3].
Oraisons funèbres (Bossuet) **3**-930d.
Oraizai (tribe) **22**-240d fol.
Oral, S.Dak. [**24**-137 A3].
Oran, **20**-743b; **20**-744c.
Oranam, **7**-102c fol.
Oran Iobe **4**-16c.
Oral system (betting) **10**-13a.
Oran, dept., Alg. [**24**-78 D2]; **1**-615c.
ORAN, Alg. [**24**-78 D1]; **16**-833d; air lines map **1**-463
— to Marseille (s.s. route) [**24**-23 F5].
—, Arg. [**24**-165 D1].
—, Mo. [**24**-141 H4].
Orang-Benua **3**-909a.
Orang Bukit (tribe) **12**-870b.
ORANGE, HOUSE OF **16**-834c.
—, co., Calif. [**24**-155 E6]; **19**-972a.
—, co., Fla. [**24**-115 G3].
—, co., Ind. [**24**-127 B4].
—, co., N.C. [**24**-112 F1].
—, co., N.Y. [**24**-102 F4].
—, co., Tex. [**24**-123 H4]; **16**-835c.
—, co., Va. [**24**-110 F2].
—, co., Vt. [**24**-97 B3].
ORANGE, Fr. [**24**-27 H3]; **16**-835a.
—, N.S.W., Austr. [**24**-171 J4].
—, Lancs., Eng. [**24**-10 C2].
ORANGE, Calif. [**24**-155 E6]; **16**-835b.
—, Ill. [**24**-129 E4].
ORANGE, Mass. [**24**-98 B1]; **16**-835b.
ORANGE, N.J. [**24**-104 A3]; **16**-835b.
—, Pa. [**24**-107 F2].
ORANGE, Tex. [**24**-123 H4]; **16**-835c.
—, Va. [**24**-110 F2].
—, Vt. [**24**-97 B2].
—, bay, Nfd. [**24**-93 B1].
—, cape, Braz. [**24**-163 B2].
—, ft. N.Y. **1**-517b.
—, hill, Fr. **2**-130a
—, lake, Fla. **9**-396c
—, mts., N.G. **16**-296b.
—, mts., Utah [**24**-152 D4].
ORANGE, riv., S.Af. [**24**-81 C3; **24**-185 E8]; **16**-835c; *see also* Singu.
— (battle): *see* Arausio, Gaul.
— (colour) **6**-53b fol.; **7**-790d; **7**-806a.
ORANGE (bot.) **16**-836b; **9**-883a; **20**-603d; blossom **17**-506d; Pl. 4 fig 1 **22**-UNITED STATES; Pl. V. fig.1 **22**-UNITED STATES.
—, **COUNCILS OF**: *see* Councils of Orange.
—, Curaçao **6**-872a.
—, sweet **5**-727c.
— and Alexandria R.R., Va. map **1**-756.
"Orange Blossom" (boat) **15**-880b.
Orangeburg, co., S.C. [**24**-113 D3]; **16**-838c.
—, N.Y. [**24**-102 G4].
ORANGEBURG, S.C. [**24**-113 D3]; **16**-838c.
Orange City, Ia. [**24**-138 A2].
— City Junction, Fla. [**24**-115 G3].
— cowry **6**-624a.
— drinks **1**-165c.
— **FREE STATE,** prov., Af. [**24**-77 F8; **24**-81 D3]; **16**-838d; **6**-906a; **21**-55b; constitution **21**-50b; native policy **21**-59d; rainfall **21**-45d; stockbreeding **21**-48c.
— Grove, Miss. [**24**-119 D5].
— hawkweed **11**-277c.
— Lake, Fla. [**24**-115 F2].
ORANGEMEN **16**-842c; **3**-995b.
Orange-Nassau (order) **13**-438c.
— Party (Holl.) **11**-670d.
— -peel carminative **4**-888c.
— -peel Dredge Pl. fig. 3 **7**-DREDGERS AND DREDGING.
— Pekoe (tea) **21**-860a.
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—, O. [**24**-124 E2].
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Orangi, Tanganyika Terr. [**24**-83 F3].
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Orang Laut (tribe) **12**-870b.
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Ora pontica, prov., Asia M.: *see* Pontus.
Orara, riv., N.S.W., Austr. [**24**-171 L3].
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Orasa (Buddhist law) **12**-235d.
Ora serrata (anat.) **9**-5c.
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Orator (dipl.) **7**-406d.
"Orator" (statue) **8**-788d.
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Oratore, De (Cicero) **5**-694d; **6**-646a.
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ORATORIO **16**-843a; Bach **2**-869d and fol.; Handel **11**-145d; *see also* Cantata.
— Society (New York City) **7**-8a.
Oratory (eccl.) **16**-229c.
ORATORY (speaking) **16**-845c; **1**-265b; Asianic **10**-838b; Attic **10**-837a; *see also* Rhetoric.
— of Divine Love (order) **13**-927d.
— **OF ST. PHILIP NERI, Congregation of the** (order) **16**-845c.
Orava, riv., Czech. [**24**-40 D4].
Oraville, Ill. [**24**-129 C6].
—, Md. [**24**-109 C2].
Oravita, Rum. [**24**-53 A3].
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Orbe, Switz. [**24**-30 B3].
Orbec-en-Auge, Fr. [**24**-24 F2].
Orbeliani, G. **10**-203d.
Orbetello, It. [**24**-34 C3].
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Orbicularis muscles **15**-986c.
Orbicular leaf **13**-826b.
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ORBIGNY, A. D. D' (Fr. palaeon.) **16**-845c; **5**-155d.
Orbilius (schol.) **11**-740a.
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Orbiston, Scot. **16**-983a.
Orbit (anat.) **20**-762c; skull **20**-757d.
ORBIT (astron.) **16**-845c; calculation **15**-164b; earth's motion **1**-42d.
Orbit (mech.) **7**-811a.
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Orbitolina concava (geol.) **3**-906d.
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Orcella brevirostris **5**-174a.
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— grass **10**-659c; seed **20**-278d. *see* Cock's-foot.
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ORDEAL **16**-850d; Bible and key **7**-451a; and torture **22**-311a; primitive justice **13**-782a.
Ordeal of Richard Feverel (Meredith) **15**-275d.
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—, Napoleone (card.) 16-937b.
—, Piero Francesco (Vincenzo Maria): *see* Benedict XIII. (pope).
—, Virginio 16-937c.
— plot (Eng. law-suit) 4-26d.
Orsk, U.S.S.R. [24-49 J4].
Orson (myth.) 22-949c.
—, Pa. [24-107 F2].
Orsona, Sp.: *see* Orsuna.
Orsova, Rum. [24-53 B3].
Orsted, Djursland, Den. [24-46 C2].
—, Funen, Den. [24-46 C3].
Orsza, U.S.S.R.: *see* Orsha.
Országh, Pavel: *see* Hviezdoslav.
Orszeszko, Eliza: *see* Orzeszko, Eliza.
Orta, Garcia de (au.) 7-319d.
—, It. 16-937d.
ORTA, LAKE OF, It. [24-34 B2; 24-186 D4]; 16-937d.
Ortach, isl., Chan. Is. 5-229a.
Orta-hissar (mosque, Trebizond) 22-444c.
Ortalina polycephala: *see* Chachalacas.
Ortalis (bird) described 10-930b.
Ortegal, cape, Sp. [24-32 B1].
Ortega y Gasset, José (au.) 21-160d.
Orteig, Raymond B 14-149c.
Ortelcs, mt., It. [24-34 C1].
ORTELIUS (Ortels, Wortels), Abraham 16-937d.
Ortelsburg, Ger. [24-40 E2].
Ortenberg, Ger. [24-38 E3].
Ortensia 21-446a.
Ortgies, Franz Hermann 16-351c.
Orth, Johann (of Tuscany): *see* John Nepomuck Salvator.
Orthagoridae (dynasty) 20-613c.
ORTHEZ, Fr. [24-26 C4]; 16-938b.
— (battle, 1813) 17-470d.
Orthia, (myth.): *see* Artemis.
Orthis rustica (zool.) Pl. fig. 13 3-BRACHIOPODA.
Orthite (min.) 20-50b.
Orthoantimonic acid 2-68b.
Ortho-arsenic acid 2-436c.
— benzoicsulphinide 19-792c.
— benzoquinone (chem.) dyes 7-799a.
Orthoboric acid 3-902a.
Ortho carbonic ester (chem.) 4-839b.
Orthocentre (geom.) 22-461b.
Orthoceras (fossil) fig. 17 5-153a.
Orthochlorites (min.) 5-609c.
Orthochromatic filter 9-239c.
Orthochromatic plate (phot.) 17-797a; 17-814c; *see also* Isochromatic.
ORTHOCLASE (min.) 16-938b; 15-428b; 7-506a; 2-794c; melt. pt. 15-525c; thyolite 19-271c.
Ortho-coumaric acid 6-589a.
—-cousin (kinship) 6-612b fol.; marriage 6-613b.
—-cresol 6-670c.
—-diphenylene methane (chem.): *see* Fluorene.
Orthodon microlepidotus: *see* Minnow.
ORTHODONTIA 16-938c.
ORTHODOX EASTERN Church 16-938d; ambo 1-740d; archbp. 2-263b; arch. 5-35c; bp. 3-657c; Boris I. 3-904d; Bulg. 4-362b; 1-30a; calendar 4-572d; canon law 4-756d; church dedication 7-130b; council, Basle 3-168a; deaconess 7-96b; England, church of 19-230c; 8-475d; fans 9-65d; hymns 12-14b; Japan 12-928d; independence 3-171b; 5-630c; Lucaris 14-456a; middle ages 5-679d; missions 15-598a; monasteries 2-628c; oecumenical councils 6-591a; tonsure 22-285a; vestments 23-110b; fig. 7 23-112; Yugos. 23-916c; *see also* Church History; Christianity; Roman Catholic Church; etc.; *and under* Bulgaria, Greece, Serbia, etc.
—: *Doctrines and Creeds* 16-939c; absolution 1-65b; catechisms 5-26c; celibacy 5-95a; Holy Spirit 11-685d; liturgy 14-226b; uncreated light 11-533c.
—: *Rome*: schism 19-439a fol.; Pope Alexander IV. 1-559a; Vatican 23-8b.

ORTHODOX: *Russia* **19**-750c; **8**-409d; introduced **13**-374d; Muscovy **19**-714c fol.; Nikonianism **19**-716b; disestablishment **19**-700a.
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— projection **14**-847c.
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Orthogonal projection **15**-72d.
— system **7**-367c; of curves **6**-235a; fig. 2 **6**-234.
Orthographic projection **7**-631d; **7**-254c; **17**-616d fol.; **14**-846c.
Orthography (maps) **14**-836a; Egy. **11**-546c; drawing **6**-813b.
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Orthomorphic projection (cartog.) **14**-849d fol.
— representation (geom.): *see* Conformal representation.
Orthonectida (zool.) **15**-802b.
ORTHOPAEDIC SURGERY **16**-942b; *see also* Manipulative surgery.
Orthophosphoric acid **17**-779b.
Orthophthalic acid: *see* Phthalic acid.
ORTHOPTERA (zool.) **16**-944a.
Orthoptic curve **6**-897a.
Orthorhombic amphiboles (min.) **1**-840c.
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Orthorrhapha (zool.) **7**-412c.
Orthoschist (geol.) **20**-71a.
Orthoscopic view (optics) **3**-585b.
Orthosurgery **3**-744d.
Orthragno (myth.): *see* Verethragna.
Ortigão, Ramalho (au.) **7**-883a.
ORTIGUEIRA, Sp. [**24**-32 C1]; **16**-945b.
Orting, Wash. [**24**-150 C3].
Ortinus orca (zool.): *see* Killer.
Ortiz, Mex. [**24**-158 C2].
—, Colo. [**24**-147 D4].
—, N.Mex. [**24**-148 C3].
—, Venez. [**24**-162 D2].
Ortlibarii (sect) **12**-381b.
Ortlieb (myth.) **16**-409b.
ORTLER, mt. range, Tirol **16**-945c.
— Spitz, mt., Alps [**24**-186 F3].
Ortley, N.J. [**24**-105 B3].
—, S.Dak. [**24**-137 G1].
ORTNIT (OTNIT) (myth.) **16**-945d; **11**-509b.
Orto, Vincenzo dell' (arch.) **19**-1002a.
ORTOLAN **16**-945d.
Orton, Arthur (imposter), **9**-704a.
—, Ark. [**24**-120 B4].
—, S.Dak. [**24**-137 D2].
—, Westm., Eng. [**24**-13 B3].
ORTONA, It. [**24**-34 E3]; **16**-946a.
Ortonville, Mich. [**24**-131 H7].
—, Minn. [**24**-135 B6].
Ortrand, Ger. [**24**-39 J2].
Ortrask, Swed. [**24**-42 J4].
Ortrud (char., opera) costume il. **6**-514.
Ortygia, isl., Medit. **21**-711b; *see also* Delos.
Oruani, N.Z. [**24**-172 F3].
Oruba, isl., W.I.: *see* Aruba.
Orum, S.C. [**24**-113 E2].
ORURO, dept., Bol. [**24**-162 D7]; **16**-946a.
Oruro, Bol. [**24**-162 D7].
ORUS (gram.): *see* Orion *and* Orus.
Orvanne, riv., Fr. [**24**-25 H3].
ORVIETO, It. **16**-946b; **23**-246d; Card. de Braye **8**-23d; cathedral **10**-547c; fig. 2K **10**-545; mosaics Pl. I. fig. 2 **15**-MURAL PAINTING; pottery **10**-809c; vault **23**-17a; *see also* Volsinii.
Orvilla, Miss. [**24**-119 A4].
Orville, A. d' (chess player) **5**-434d.
Orvisburg, Miss. [**24**-119 C5].
Orviston, Pa. [**24**-106 D2].
Orwell, Cambs., Eng. [**24**-15 C3].
—, N.Y. [**24**-103 D2].
—, O. [**24**-124 E2].
—, Pa. [**24**-107 E2].
—, Vt. [**24**-97 A3].
—, riv., Suff., Eng. [**24**-15 E3].
Orwood, Miss. [**24**-119 C1].
Orya barbarica (centipede) fig. 2 **5**-122.
Orycteropodidae: *see* Aardvark.
Orycteropus (zool.) **1**-4a.
— aethiopicus: *see* Northern aard-vark.
— capensis: *see* Cape aard-vark.
— gaudryi (fossil) **7**-951d.
Oryctolagus cuniculus (animal): *see* Rabbit.
Oryekhav, U.S.S.R. [**24**-49 E5].
Oryekhovo, Bulg. [**24**-53 B4].
Oryginae (zool.) **2**-22d.
Orygynale Cronykil of Scotland (Wyntoun) **23**-826a.
Oryokko, riv., Kor. [**24**-74 D3].
ORYX (zool.) **16**-946d; **19**-791b.
—, Arabian **3**-553a.
— algazel: *see* White oryx.
— beatrix: *see* Wild cow.
— beisa: *see* Beisa.
— gazella: *see* Gemsbuck.
Oryza (bot.) **10**-654d.
Oryza sativa: *see* Rice.
Oryzeae (bot.) **10**-657a.
Oryzomys: *see* Rice-rat.
Orzechowski, Stanislas (bp.) **18**-163a.
ORZESZKO (Orszeszko), Eliza **16**-946d.
O.S. (abbrev.) **1**-25d.
Os, Nor. [**24**-43 B6].
Os (chem.): *see* Osmium.
O.S.A. (abbrev.) **1**-25d.
Os acetabuli: *see* Cotyloid bone.
OSAGE (tribe) **16**-946d; Pl. II. fig. 7 **16**-NORTH AMERICA; oil-lands **17**-402d.
—, co., Kan. [**24**-142 G3].
—, co., Mo. [**24**-141 F3].
—, co., Okla. [**24**-143 G2].
—, Indian reserva., Okla. [**24**-143 G2].
—, Ark. [**24**-120 B1].
—, Ia. [**24**-138 E1].
—, Okla. [**24**-143 G2].
—, Wyo. [**24**-146 H2].
—, riv., Kan. [**24**-142 H3]; Mo. [**24**-140 C3].
— City, Kan. [**24**-142 G3].
— Ironworks, Mo. [**24**-140 E3].
— **ORANGE** **16**-947a; **15**-787c; **12**-474c.
Osai Apoko (Ashanti, k.) **2**-505a.
— Toto Kwadwo (Ashanti k.) **2**-505a.
— Tutu (Ashanti, k.) **2**-505a.
Osaka, preft., Jap. [**24**-74 J6].
OSAKA, Jap. [**24**-74 J6]; **16**-947a; **7**-19a; **6**-569c; **20**-909a; **12**-897b.
Osaka Asahi (Jap. news.) **16**-360a.
Osaka Mainichi **16**-360a.
Osaka Shōsen Kaisha (Jap. co.) **12**-905b.
Osakis, Minn. [**24**-135 C6].
Osam, hill, India **13**-295b.
Osann, Arthur **17**-673b.
OSAWATOMIE, Kan. [**24**-142 G3]; **16**-947b.
Osazone (chem.) **4**-834a; **9**-288d.
O.S.B. (abbrev.) **1**-25d.
Osbernville, Ill. [**24**-128 C4].
Osborn, Sir Danvers (Brit. gov.) **18**-395b.
—, Henry (gov. Nfd.) **16**-293b.
—, **HENRY FAIRFIELD** **16**-947c; **15**-713a fol.; **17**-111a fol.; **14**-749d; **21**-875a.
—, S. (navig.) **2**-294c; **2**-296a.
—, Miss. [**24**-119 D2].
—, Mo. [**24**-140 C2].
—, N.C. [**24**-112 F3].
—, O. [**24**-125 A4].
—, S.C. [**24**-113 D4].
Osborne (fam., dukes of Leeds): *see* Leeds.
—, C.C. (geol.) **5**-870d.
—, Francis (au.) **5**-474b.
—, H. M. (athl.) **16**-781d; **2**-672d.
—, Malcolm (art.) **8**-748c.
—, Sir Peter **5**-231b.
—, T. B. (chem.) **14**-734c.
—, Thomas M. (ref.) **18**-518d fol.; **12**-128a.
Osborne, W. V. (labor leader) **22**-375d.
—, co., Kan [**24**-142 D2].
—, Kan. [**24**-142 D2].
— (biscuit) **3**-654b.
OSBORNE (mansion, I. of Wight, Eng.) [**24**-15 B5]; **16**-947d; **23**-126c.
— judgment (Eng. law) **22**-375c; **8**-552a.
Osbornsville, N.J. [**24**-105 B2].
Osbournby, Lincs., Eng. [**24**-14 C3].
Osbourne, Lloyd (writ.) **21**-402c.
Osca, Sp.: *see* Huesca.
Os calcis (anat.) **20**-730c.
Osca Lingua **4**-823a; **19**-791a.
OSCAN (dialect) **16**-947d; alphabet **1**-682d; fig. 4 **1**-681; in Campania **4**-674c; inscriptions **18**-203c; cf. Umbrian **22**-679d.
OSCAR I. (of Swed. and Nor.) **16**-948c; **21**-649c; **16**-554c; **5**-286c.
OSCAR II **16**-948d; **21**-650d; — F.W.G. Adolphus (duke of Scania, prince of Swed.) **11**-12a.
—, Ky. [**24**-116 A3].
—, La. [**24**-121 C3].
—, Okla. [**24**-143 F5].
—, Pa. [**24**-106 B3].
—, mts., W. Aus., Austr. [**24**-168 C2].
Oscarella (bot.) **12**-552c fol.
OSCEOLA (chief) **16**-949a; **9**-399d.
—, co., Fla. [**24**-115 G3].
—, co., Ia. [**24**-138 B1].
—, co., Mich. [**24**-131 F6].
—, Ark. [**24**-120 F2].
—, Ia. [**24**-138 D3].
—, Ill. [**24**-128 C2].
—, Ind. [**24**-126 B1].
—, La. [**24**-121 D3].
—, Minn. [**24**-135 D7].
—, Mo. [**24**-140 D3].
—, Neb. [**24**-139 G3].
—, Nev. [**24**-153 F3].
—, N.Y. [**24**-103 E2].
—, O. [**24**-124 B3].
—, Clearfield co., Pa. [**24**-106 C3].
—, Tioga co., Pa. [**24**-107 D2].
—, S.C. [**24**-113 D2].
—, S.Dak. [**24**-137 G2].
—, W.Va. [**24**-111 D3].
—, Wis. [**24**-132 A4].
Oschatz, Ger. [**24**-39 J2].
OSCHERSLEBEN, Ger. **16**-949b.
Oschiri, Sard. [**24**-35 B4].
Oschophoria **7**-396a.
Oscht, Ger. [**24**-39 L1].
Oschur (plant): *see* Madar.
Osci (people) **16**-947d.
Oscilla **8**-688c.
Oscillating brackett **20**-636c.
— cylinder **21**-359a.
— sight, fig. 7 **20**-637; **20**-637b.
Oscillation **3**-676a; **8**-190a; **21**-183d; **15**-355a; **14**-644a; fig. 12 **22**-82; induction coil **12**-274a; radio **4**-208d; sound **21**-8d; **22**-857b.
OSCILLATOR (radio) **16**-949b.
Oscillator (mech.) **14**-101a; **18**-876c; **8**-192a.
Oscillatoria fig. 4, K **1**-509.
Oscillator washing machine **23**-379d.
OSCILLATORY CIRCUIT **16**-949b.
OSCILLOGRAPH **16**-949b; **2**-1003a; chronograph **5**-652b fol.; photography **17**-805b; sound **10**-620b.
Oscinella frit: *see* Frit fly.
Oscinidae **7**-413c.
Oscinis frit: *see* Frit-fly.
Osco, Ill. [**24**-128 B2].
Oscoda, co., Mich. [**24**-131 G5].
—, Mich. [**24**-131 H5].
Osculating ellipse **5**-92b.
— plane **7**-367a; **6**-885d.
Osculum pacis (kiss): *see* Pax.
Oscura, N.Mex. [**24**-148 C5].
—, mts., N.Mex. **16**-316d.
Osea, isl., Ess., Eng. **14**-724d.
Osek, Czech. [**24**-39 J3].
Osel, isl., Baltic **23**-785d.
—, isl., Est.: *see* Saaremaa.
— limestone **20**-679d.
Osen, Nor. [**24**-44 D1].
Oset, U.S.S.R.: *see* North *and* South Oset.
O.S.F. (abbrev.) **1**-25d.
Osgood, Ga. [**24**-114 C5].
—, Ia. [**24**-138 C1].
—, Ind. [**24**-127 C3].
—, N.Dak. [**24**-136 H3].
Osgood, O. [**24**-124 A3].
Osgoode, Ont., Can. [**24**-90 E2].
OSH, Kirghiz, U.S.S.R. **16**-949c; **13**-412c.
Osha, mt., N.Mex. [**24**-148 C4].
O'SHAUGHNESSY, ARTHUR W. E. **16**-949c.
—, M. M. **19**-943d; **6**-84b.
OSHAWA, Ont., Can. [**24**-90 C3]; **16**-949c.
—, Minn. [**24**-134 D5].
Oshbūna, Al: *see* Lisbon.
"O'Shea v. O'Shea and Parnell" **12**-613b; **17**-335d.
Osheba, dist., Fr. Equat. Af. [**24**-82 B2].
O'Shiel (fam.) **12**-643d; **12**-644a.
Oshikatsu: *see* Emi no Oshikatsu.
Oshima (gen.) **5**-589c fol.
OSHIMA, isls., Jap. [**24**-75 L3; L6]; **16**-949c; earthquake **7**-846c.
Oshio (rebel) **12**-943b.
Oshkosh, Neb. [**24**-139 B3].
OSHKOSH, Wis. [**24**-133 E5]; **16**-949c; **23**-679a fol.
Oshogbo, Nig. [**24**-80 E4]; **16**-440b.
Oshoto, Wyo. [**24**-146 G1].
Oshtemo, Mich. [**24**-131 F7].
Oshten, mt., U.S.S.R. [**24**-59 H1]; **5**-55a.
Oshūkaidō, road, Jap. **12**-902b.
Oshwe, Bel. Cong. [**24**-82 C3].
OSIANDER, ANDREAS **16**-949d; **14**-498d; **6**-642b; **6**-400c.
—, Lukas **16**-950a.
Osier, Colo. [**24**-147 D4].
—, Mich. [**24**-130 D3].
OSIER **16**-950a; **3**-180a.
OSIJEK, Yugos. [**24**-52 D2]; **16**-950d.
OSIMO, It. [**24**-34 D3]; **16**-950d.
Os innominatum **20**-738a fol.
Osino, Nev. [**24**-153 E2].
Osireion (temple) **8**-50d.
OSIRIS (Egy. god) **16**-950d; **8**-58c fol.; **8**-60c fol.; **7**-577c fol.; Abydos **8**-50d; **1**-69a; **1**-69b; Canopus **4**-761d; cult **6**-160a; **3**-83b; tomb **4**-457a.
— -Apis (Egy. god): *see* Serapis.
OSISO **16**-950d.
Osius (bp.): *see* Hosius.
OSKALOOSA, Ia. [**24**-138 E3]; **16**-951a.
—, Ill. [**24**-129 D5].
—, Kan. [**24**-142 G2].
—, Mo. [**24**-140 C4].
Oskarshamn, Swed. [**24**-43 H8].
Oskelane, Que., Can. [**24**-89 A1].
Oskens, Henry Pl. VI. **4**-BRONZE.
Oskol, riv., U.S.S.R. [**24**-49 E5].
OSLER, SIR WILLIAM **16**-951a; **4**-448b.
Osler, Sir William, Life of (H. Cushing) **6**-902b.
Oslo, Minn. [**24**-134 A3].
OSLO, Nor. [**24**-43 E7; **24**-3 M1]; **16**-951b; **16**-547c; air lines map **1**-463; museums **15**-1003b.
—, Nor. **22**-871b; **21**-642d.
—, fjord, Nor. [**24**-44 D2]; **16**-544d.
Oslob, P.I. [**24**-73 B4].
Os Lusiadas (Camoens) **5**-715a.
Osma, riv., Bulg. [**24**-53 C4].
Os magnum **20**-737d.
Osmali Turks **2**-986d.
OSMAN ('Usmān, 'Othman) (name) **16**-951d.
— I. **22**-598b.
— II. **22**-603c.
— III. **22**-605b.
OSMAN (Turk. pasha) **16**-951d; **18**-75d; **19**-769a; **19**-768b.
Osman (Gundulic) **10**-988c.
Osman, Khalifa: *see* Abu Gemaiza.
—, Ill. [**24**-128 D3].
Osmanabad, India [**24**-67 C3].
— Bey al-Bardīsī: *see* Bardīsī.
— Digna **8**-104b fol.
Osmania Univ. **11**-959b.
Osmanieh (order) **13**-440c.
Osmanjik, Turk. [**24**-58 F2].
OSMANLI (tribe) **16**-952a; **6**-706a; **4**-610a; Armenia **2**-379a; Asia Minor **2**-542b; Byzantine emp. **19**-437b; crusades **6**-792d; Hospitallers **19**-837c.
Osmanli dialect: *see* Ottoman Turkish.
Osmer (bp. of Salisbury): *see* Osmund.
Osmeridae **9**-313d; **19**-889b; **20**-823a.
Osmerus eperlanus: *see* Smelts.
Osmia **3**-303a fol.
Osmic acid **16**-952b.
Osmington, Dorset., Eng. [**24**-17 D4].
Osmiridium **19**-772c.
OSMIUM **16**-952a; **5**-361c; **2**-650d; lamp **14**-106d; (table) **8**-348b; **15**-324c.
Osmium tetroxide: *see* Osmic acid.
Osmond, Neb. [**24**-139 G2].
—, mts., W.Aus., Austr. [**24**-168 D2].
Osmont Bluff, Ark. [**24**-120 D4].
Osmorhiza: *see* Sweet cicely.
Osmosis **22**-106d; **14**-520b; **7**-369b.
Osmosudidae (fish) **9**-314d.
Osmotic pressure **22**-107a; **17**-884d; **7**-371b; solutions **20**-959d.
Osmund, St. (bp. Salisbury) **4**-754d; **7**-542d; **14**-227d.
Osmunda: *see* Royal fern.
Osmundaceae **17**-76d.
Osmunda regalis: *see* Royal fern.
Osmundus (writ.): *see* Asmund.
Osmylidae **16**-262d.
Osmylus chrysops **16**-262d.
Os mysterios de Lisboa (Castello) **4**-987c.
Osnabrock, N.Dak. [**24**-136 F1].
OSNABRUCK, Ger. [**24**-38 D1]; **16**-952c; **10**-269a; air lines map **1**-463; treaty **22**-442a.
Osnaburgh: *see* Osnabrück.
— (fabric) **6**-552b.
Osnappar **3**-152a.
Osney, abbey, Oxford, Eng. **16**-989a.
Osning, mts., Ger. [**24**-38 D1].
Oso, Wash. [**24**-150 D2].
—, riv., Bel.Cong. [**24**-83 E3].
Osoaviakim: *see* Aviachim.
Osogna, Switz. [**24**-31 F4].
Osogovska Planina, mts., Bulg. **4**-358c.
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PAPINEAU, L. J. **17**-239b; **7**-761a; **4**-706c.
—, co., Que., Can. [**24**-89 A3].
—, Ill. [**24**-128 E3].
—, lake, Que., Can. [**24**-89 A3].
— Rebellion **4**-393c.
Papineauville, Que., Can. [**24**-89 A3].
PAPINIAN **17**-240a; **4**-825b; **13**-754a.
PAPINI, GIOVANNI **17**-239d; **12**-748c.
Papio **18**-488b.
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— cynocephalus: *see* Yellow baboon.
— hamadryas: *see* Hamandryas; Grey-mantled.
— leucophoeus: *see* Drill.
— maimon: *see* Mandrill.
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— Sphinx: *see* Mandrill.
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Papista Antipapista: *see* Biel, Gabriel.
Papnutio **4**-659b.
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Papoulas **10**-791c
Pappan, isl., S. China Sea **13**-560b.
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Pappenheim, Ger. [**24**-39 F5].
Papperitz (math.) **15**-75c.
Pappe with an hatchet, etc. (Lyly) **14**-517d.
Pappillion, Neb. [**24**-139 H3].
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— (bot.) **9**-411c.
— (character) **2**-596c.
Papremis, isl., Egy. **8**-76b.
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— of Jura, mts., Scot. [**24**-19 C6]; **20**-140a.
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Papuasians (people) **2**-520d.
Papule **20**-816b; **1**-126d.
Papun, Burma [**24**-71 A2]; Salween headquarters **19**-914d.
—, India [**24**-66 D3].
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"Papyrus" (horse) **11**-765c
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Paquet, Mgr. Louis-A. **4**-718c.
Paquette, Que., Can. [**24**-89 C3].
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Par. (abbrev.) **1**-25d.
PAR (fin.) **17**-248c.
— (golf) **10**-504c.
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—, Belem, Para, Braz. **4**-51d.
—, Minas Geraes, Braz. [**24**-164 A4].
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—, riv., Braz. [**24**-163 B3; **24**-160 D2]; **1**-731a.
— (Tocantins) riv., Braz. [**24**-163 C3].
— (coin) **7**-388d.
— (rubber) **19**-602d.
— (weight) **15**-141a.
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— -amino-diphenylamine **1**-959c.
— -aminophenol: *see* Rodinal.
Parabasis **5**-772c.
Parabellum gun **20**-810d.
Para-benzoquinone **7**-709a.
Parabiosis **10**-598d.
Parable **1**-645d; Jesus's use **5**-631d.
Parable of the Wicked Mammon (Tyndale) **22**-643b.
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Paracasein **4**-961c.
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—, Mont. [**24**-144 A2].
—, N.D. [**24**-136 C3].
—, Nfd. [**24**-93 A2].
—, N.S., Can. [**24**-88 D4].
—, Oreg. [**24**-151 H2].
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— minor: *see* Lesser bird of Paradise.
— raggiana sclater: *see* Marquis raggi's bird of paradise.
Paradise-fish **9**-323a.
— flycatcher **9**-430d.
Paradise Lost (Milton) **8**-580b; **15**-512c; blank verse **3**-699d; *De Rerum Natura* **14**-467b; Delille **7**-167d; Doré **7**-538b; mus. score **19**-276a fol.; rhythm **19**-275d; royalties **19**-899d; Swiss lit. **10**-223d.
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Paradise Regained (Milton) **15**-514b; **8**-580c; blank verse **3**-699d.
Paradise Sd., Nfd. [**24**-93 C3].
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Paradosso (art.) **3**-498d.
Paradox, Col. [**24**-147 B3].
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— (logic) **11**-499b; implication **14**-332c.
Paradoxe sur le Comédien (Diderot) **7**-619c.
Paradoxides series **4**-645c.
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— Church Council 8-474c.
— Church Councils (Power) Measure 17-306b.
— **SCHOOLS** 17-336d; 7-991d; 20-258c.
— Schools bill (Eng.) 7-979d.
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Paropamisus, prov., Afg. 1-287c.
Paropamisus, mts., India [24-182 A1]; Afg. 11-473b; 11-581d.
Paroquet 2-800c.
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—, Pa. [24-106 C2].
—, Wis. [24-132 D1].
Parrot, Me. [24-96 C3].
—, O. [24-125 B1].
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— -crossbill 6-755b.
— -FISHES 17-339a; 9-321b; il. 17-339.
Parrot's beam 22-314a.
Parrotspitze, mt., Eur. 19-549c.
Parrotsville, Tenn. [24-117 H1].
Parrott, Ga. [24-114 B5].
—, Ky. [24-116 F3].
—, Va. [24-110 D3].
Parrot tulip 22-540a.
— -wrasses: *see* Parrot-fishes.
Parrs Bank, Ltd. 23-541d.
Parrsborough, N.S., Can. [24-88 E3].
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PARRY, SIR CHARLES H. H., 1st Bart. 17-339b; 16-15b; oratorio 16-845a; 20-903d.
—, Richard (bp.) 23-297c; 23-508c.
—, R. W. (poet) 23-510c.
—, **SIR WILLIAM E.** (expl.) 17-339c; 2-293c fol.; Spitsbergen 21-251a.
—, co., N.S.W. [24-171 K3].
— Is., Can. [24-4 A17; 24-86 G1; 24-187 D1].
—, isl., Pac. O.: *see* Mauki.
— Sound, Ont., Can. [24-90 C3].
— (fencing) 9-156c.
Pars (anat.) 4-16d.
Parsa (tribe): *see* Persians.
Parsac, Fr. [24-26 F1].
Parsau, Ger. [24-39 F1].
Parsberg, Ger. [24-39 G4].

PARSEC (astron.) **17**-339d; **15**-141a.
PARSEES **17**-339d; India **12**-157c; **3**-830d; Persia **17**-586a; fire **9**-263a; Zend-Avesta **23**-942c.
— Law Association (India) **17**-368a.
Parseier Spitz, mt., Aus. [**24**-186 F2]; **22**-242a.
Parshall, Col. [**24**-147 D1].
—, N.Dak. [**24**-136 B2].
Parsifal (Wagner) **3**-244a; **12**-431d.
Parsis (sect): *see* Parsees.
Parsissaet (govt.) **10**-860c.
PARSLEY **17**-340b.
Parsnip, riv., B.C., Can. [**24**-92 E3].
PARSNIP **17**-340c.
PARSON **17**-340c.
Parson-bird **11**-717c.
— Brown (orange) **9**-885b.
— Lot (pseud.): *see* Kingsley, Charles.
Parsons (col.) **8**-106b.
—, **ALFRED** **17**-340c.
PARSONS, HON. SIR Charles A. **17**-340d; steam turbine **18**-386c; **20**-514d; Pl. fig. 8 **21**-STEAM ENGINE; Pl. fig. 1 **22**-TURBINE: STEAM; ventilator **5**-889a.
—, Frank **5**-731c.
—, Lawrence, 4th earl of Rosse: *see* Rosse.
—, Levi **17**-341c.
— (Persons), **ROBERT** (Jesuit) **17**-340d; **13**-13c.
—, S. H. **16**-735d.
—, **THEOPHILUS** **17**-341a.
—, William, 3rd earl of Rosse: *see* Rosse.
—, **WILLIAM B.** (engin.) **17**-341b; tunnel **22**-563a.
—, **WILLIAM E.** (arch.) **17**-341b.
PARSONS, Kan. [**24**-142 G4]; **17**-341c.
—, Miss. [**24**-119 B2].
—, Pa. [**24**-107 F2].
—, Tenn. [**24**-117 C2].
—, W.Va. [**24**-111 D2].
Parsonsburg, Md. [**24**-109 D2].
Parson's Cause, The (lawsuit) **11**-446b.
Parson's nose (fowl) **20**-753a.
Parsons Pond, Nfd. [**24**-93 B1].
PARSONSTOWN, Ire.: *see* Birr (Parsonstown).
— reflector **21**-907c.
PARSONS' TURBINE: *see* Turbine, Steam.
Par-speed film **15**-867c.
Pars - pro - toto method (chron.) **4**-573a.
Pārśvanātha (god) **12**-249c; Pl. IV. fig. 1 **12**-INDIAN AND SINHALESE ART & ARCHAE.; Pl. I. fig. 2 **12**-INDIA.
PARTABGARH, state, India **17**-341c.
PARTABGARH, dist., Brit. India **17**-341c.
—, Rajputana, India [**24**-67 B2; **24**-65 C4].
—, United Provinces, India [**24**-64 F3; **24**-65 D3].
Partab Singh, Sir: *see* Pertab Singh.
Partabpur, India [**24**-67 D2].
Partain, Ark. [**24**-120 C2].
Part Dieu, Switz. [**24**-30 C3].
Parted arms (heraldry) fig. 1 **11**-457.
Parthamaspates (Parthia) **17**-345b; **17**-580b; **22**-396a.
Parthana Samaj (sect) **18**-970a.
Parthaunisa, Pers. **17**-576d.
Parthava (tribe) **17**-344c.
Parthe, riv., Ger. **13**-894a.
PARTHENAY, Fr. [**24**-26 C1; **24**-24 E5]; **17**-341d; **7**-281d.
Parthene (myth.) **23**-191b.
Parthenia, Turk.: *see* Bartin.
Parthenia (lit.) **1**-538b; **10**-835a.
Parthenias (nick.): *see* Virgil (Publius Vergilius Maro).
Parthenion (lit.) **10**-835a.
Parthenium argentatum (bot.) **19**-602d.
PARTHENIUS (Gr. au.) **17**-341d.
— (It. au.) **1**-932d.
Parthenocissus (bot.): *see* Virginia creeper.
— tricuspidata: *see* Boston ivy.
PARTHENOGENESIS **17**-341d; angiosperms **1**-926c; fertilization **9**-189a; protozoa **18**-627b.
PARTHENON **17**-342d; **2**-281d; architecture **21**-927c; Pl. I. figs. 4, 7 **10**-GREEK ARCHITECTURE; frieze **9**-855a; **17**-179b; Pl. I. fig. 3 **20**-SCULPTURE TECHNIQUE; inscriptions **12**-307d; reconstruction Pl. XII. **2**-ARCHITECTURE; sculpture **20**-220b fol.; Pl. I. figs. 1, 2 and 3 **10**-GREEK ART; **10**-811d.
Parthenopaean Republic **12**-800a; **16**-82c.
Parthenopaeus (myth.) identified **2**-595b; Oedipus **16**-709d.
Parthenope (myth.) **20**-719a.
Parthenos, Athena: *see* Athena.
—, Artemis (myth.): *see* Artemis.
Parthia, evangelist of (bibl.): *see* Thomas, St.
PARTHIA, country, Asia **17**-344c; **17**-575b; Arsaces **7**-394b; Artabanus II. **2**-447a; coinage **16**-629d; Hellenism **11**-406b; Mesopotamia **15**-297a; Orodes I., II. **16**-934d; Phraates **17**-848d; Roman relations **6**-646c; **19**-496b fol.; Trajan **19**-504a; **22**-395d.
Parthians (tribe) **17**-566b; **13**-356b; *see also* Pahlava.
Parthian Wars, effect on Palmyra **17**-162c.
Parthyene, dist., Asia **17**-576d; map **17**-548.
Partial assignment (law) **2**-559d.
— conjugation (physiol.) **19**-170c.
— epilepsy: *see* Jacksonian epilepsy.
— pressures, law of (phys.) **6**-995a.
— quotient (math.) **6**-335a fol.
Partibus Animalium, De (Aristotle) **2**-353a.
Particiachi (fam.) **23**-61d.
Participating preference shares (fin.) **20**-465a; **21**-416c.
— syndicate (fraud): *see* Blind pool.
Particle (phys.) **15**-163d; **7**-809a; elec. **8**-336c fol.; Pl. I. figs. 2-7 **23**-WILSON CLOUD CHAMBER; magnetic **14**-641b; motion **4**-270b.
Particular (logic) **14**-309b.
— armistice **2**-387a.
— average **2**-794d.
— Baptists **3**-87b.
PARTIES: *see* Practice and Procedure.
Partimen (lit.) **18**-639d.
Parting: assaying **2**-555d; crystallography **10**-93d.
— (heraldry) **11**-459d.
— tool il. **20**-218.
Partinico, Sic. [**24**-35 D5].
Parti Ouvrier (Fr.) **20**-892b.
Partita (mus.): *see* Suite.
Partite leaf (bot.) **13**-825d.
Partition (carpentry) **4**-915d fol.
PARTITION (law) **17**-345c; Indian law **12**-232c.
— (math.) **6**-95a; **16**-607b.
— Treaties, The (c. 1695) **8**-524a; (1698) **20**-970a.
Partito Nazionale Fascista **9**-102c.
— Popolare Italiano **12**-819b; **21**-487b.
Partizan (weapon) **11**-86a.
PARTNERSHIP **17**-345d; **6**-148c fol.; **6**-463b; **9**-283b; **18**-404b.
Partney, Eng. [**24**-14 D2].
PARTON, JAMES **17**-348b.
Parton, Eng. [**24**-13 A3].
PARTONOPEUS DE BLOIS **17**-348c.
Partridge, Alden (educ.) **16**-533d.
—, **SIR BERNARD** (paint.) **17**-348c.
—, **WILLIAM ORDWAY** (sculp.) **17**-348c.
—, Kan. [**24**-142 D4].
—, Ky. [**24**-116 H3].
PARTRIDGE (bird) **17**-348d; Bob-white **3**-765c; egg **8**-26d; shooting **20**-568a; cookery **6**-368d.
— **BERRY** **17**-349a; **23**-659c.
— -berry Hills, Nfd. [**24**-93 C2].
— Pt., Nfd. [**24**-93 B1].
Partridges (game) **4**-954d.
Partry Mts., I.F.S. [**24**-20 B3].
PARTS OF SPEECH: *see* Grammar.
Part-time education: *see* Continuation schools.
— -time work **2**-148a.
Partula (zool.) **17**-14c.
Partumna, Ire. [**24**-20 C3].
Parturition **16**-677c; **19**-174b.
Party (her.) **11**-464c.
— and party costs (law) **18**-408a.
— government **18**-590b.
— of Resistance **9**-646c.
Partysch (phys.) **8**-257c.
PARTY WALL **17**-349a.
Parure (jewellery) **13**-33d.
Paruna, S.Austr. [**24**-170 E5].
Parus: *see* Titmouse; Chickadee.
Parusilurus aristotelis (catfish) habitat **5**-30c.
Par value stock **21**-418a.
Parvez (Pers.): *see* Chosroes II.
Parvum Gerinum, Pal.: *see* Jezreel.
Parys, S. Af. [**24**-81 D3]; **16**-839a.
—, mt., Wales [**24**-10 B3]; **1**-930a, c; copper mines **1**-816d.
Parysatis (Pers. q.) **17**-572a; **2**-448b.
Parzival: *see* Perceval Legend.
Pas, Fr. [**24**-24 H1].
—, The, Man., Can. [**24**-91 F3].
PASADENA, Calif. [**24**-155 D5]; **17**-349b; community playhouse Pl. I. fig. 4 **14**-LITTLE THEATRE MOVEMENT; stadium **21**-273a.
—, N.J. [**24**-105 B3].
Pasado, headland, Ec. **7**-935c.
Pasage, riv., S. Am.: *see* Salado.
Pasaje, Islas de, W.I.: *see* Culebra.
Pasajes, dist., Sp. **10**-973c; **9**-632d.
Pasaloi, E. Ind. Archip. [**24**-72 F4].
Pasamonte, N.Mex. [**24**-148 F2].
Pasangan Bay, P.I. [**24**-73 C3].
Pasangrahan (arch.) **2**-977c.
Pasano (zool.) **3**-552d.
PASARGADAE, Pers. [**24**-63 C2]; **17**-349c; **17**-611b.
Pascadero series (geol.) **8**-634c.
Pascagoula, Miss. [**24**-119 D5].
—, riv., Miss. [**24**-119 D5].
Pascagoula (tribe) **15**-603c.
PASCAL, BLAISE **17**-350a; binomial coefficients **3**-588d; apologetics **2**-115c; barometer **17**-350b; calculating machine **4**-549a; conic sections **6**-258c; magnetism **14**-650d fol.; scepticism **20**-57c.
PASCAL, JEAN LOUIS **17**-351c.
—, mt., Braz. [**24**-164 C4].
Pascal'sche Schneckenlinie (math.): *see* Limaçon of Pascal.
Pascarella, C. (poet) **12**-747d.
Pascendi (papal) **12**-149b.
Pascha clausum **7**-859c.
PASCHAL I. (pope) **17**-351d.
PASCHAL II. **17**-351d; **17**-199b; **19**-513d; investiture **11**-430c fol.
PASCHAL III. **17**-352a; **1**-558b; **9**-711a.
— **CHRONICLE** **17**-352b; **1**-338c; **10**-843b.
— Lamb (rel.) **7**-859a; *see also* Agnus Dei.
Paschasius Radbertus: *see* Radbertus.
Pasche, Tex. [**24**-123 E4].
Paschen, L. C. H. F. **11**-339a fol.; **12**-435c; **18**-819d.
— -Back effect **23**-941b.
Paschen's law (elec.) **8**-258c.
Paschigg, Switz. [**24**-31 H3].
Pascin, Jules **18**-322b; Pl. XX. fig. 7 **17**-PAINTING.
Pasco, co., Fla. [**24**-115 F3].
Pasco, Ga. [**24**-114 B6].
—, Wash. [**24**-150 F4].
Pascoaes, Teixeira de **18**-295c.
Pascoag, R.I. [**24**-100 B2].
— Res., R.I. [**24**-100 B2].
Pascola, Mo. [**24**-141 H5].
PASCOLI, GIOVANNI **17**-352b; **12**-748a.
Pascua, riv., S.Am. **17**-365a.
PAS-DE-CALAIS, dept., Fr. [**24**-22, 23 D, E1; **24**-24-25 H1]; **17**-352c; **9**-585c; *see also* Artois.
PASDELOUP, JULES E. **17**-353a.
Pasek, John C. **18**-163c.
Pasewalk, Ger. [**24**-40 B2].
Pasha, Romolo Gessi **16**-456d.
—, N.D. [**24**-136 E1].
PASHA (title) **17**-353a.
Pashat, Afg. **13**-517c.
Pashitch, N.: *see* Pašić.
Pashm (Pashmina) (wool) **20**-472a.
Pashto (lang.): *see* Pushtu.
PASIC, NICHOLAS **17**-353a; **20**-347a fol.; **6**-732a; **23**-923c fol.
PASIG, P.I. [**24**-73 B3]; **17**-353d.
—, riv., P.I. **14**-806a.
Pa Silong (myth.) **3**-910d.
Pasión, riv., Guat. [**24**-159 F4]; **15**-378d.
Pasiphaë (myth.) **15**-577b fol.
Pasiphäes (goddess): *see* Aphrodite.
Pasir, E. Ind. Archip. [**24**-72 E4].
Pasirian, Jav. **17**-364b.
Pasis-mta, pass, U.S.S.R.: *see* Edena.
Pasitigris, riv., Pers. **8**-118a.
Paskaleveo, Bulg. [**24**-53 C4].
Paskenta, Calif. [**24**-154 B3].
PASKEVICH, IVAN F. (prince of Warsaw) **17**-353d; **23**-373b; **11**-909d.
Paskuh, Pers. [**24**-63 E3].
Pasley, Sir Charles **3**-135c; **4**-140d; **8**-448d; **15**-534a.
Pasman, isl., It. **23**-937b.
Pasmore, riv., Austr. [**24**-170 D3].
Pasni, India [**24**-64 A3; **24**-65 A3].
Paso de los Libres, Arg. **6**-469c.
— Molino, Urug. **15**-763b.
— Robles, Calif. [**24**-155 C5]; **15**-532b.
— Robles beds (geol.) **18**-81a.
Paspalum (bot.) **10**-654a fol.
— distichum: *see* Joint-grass.
— scrobiculatum: *see* Kodo millet.
Pasque, isl., Mass. [**24**-99 D2].
PASQUE-FLOWER **17**-354a; **18**-980a.
Pasquerel, Jean **13**-73b.
Pasquia, riv., Man., Can. [**24**-91 F3].
— Hills, Sask., Can. [**24**-91 E3].
— Junction, Sask., Can. [**24**-91 E3].
PASQUIER, ETIENNE **17**-354a; **5**-236b.
—, **ETIENNE DENIS,** duke **17**-354b.
Pasquotank, co., N.C. [**24**-112 J1].
—, N.C. [**24**-112 J1].
Pass, Simon van de **17**-461d.
—, isl., Nfd. [**24**-93 B3].
— (baseball) **3**-166d.
Passacaglia (mus.) **22**-989d.
Passacaille (dance) **7**-17a.
Passaconaway, N.H. [**24**-97 C2].
Passadumkeag, Me. [**24**-96 D3].
—, riv., Me. [**24**-96 D3].
Passage, Ire. [**24**-21 D4]; **6**-436c.
—, isl., Fiji Is. [**24**-176 D3].
— beds (geol.) **13**-196a.
— -grave (archae.) **2**-245c; **4**-800a fol.; **20**-47a.
— hawks **9**-46a fol.
— of Colonsay, Scot. [**24**-19 B5].
— **RITES** (anthrop.) **17**-354b; **7**-98d.
— West, I.F.S. [**24**-21 C5].
Passagrille, Fla. [**24**-115 F4].
Passaic, co., N.J. [**24**-104 A1,2; B1, 2, 3].
—, Mo. [**24**-140 C3].
PASSAIC, N.J. [**24**-104 B2]; **17**-354c; **21**-473b.
—, riv., N.J. [**24**-105 B2]; **16**-308a.
— Junction, N.J. [**24**-104 B2].
— Park, N.J. [**24**-104 B2].
Passais, Fr. [**24**-24 E3].
Passalidae (zool.) **6**-5a.
Pass-a-l'Outre (game reserve, La.) **10**-8a.
Passamaquoddy Bay, Me. [**24**-96 E4]; **7**-876c.
— Bay, N.B., Can. [**24**-88 C3]; **22**-193d.
— (tribe) **1**-49d.
Passanante (fanatic) **4**-538a.
Passanaur, Georgia [**24**-59 L1].
Passant (her.) **11**-468b.
Passarge, riv., Ger. [**24**-40 D, E1].
PASSAROWITZ, Yugos.: *see* Pozarevac.
PASSAU, Ger. [**24**-39 J5]; **17**-354d; treaty (1552) **9**-621d; **10**-267a.
Passavanti, Jacques **12**-741b.
Passayannis, Costis **10**-847d.
Pass-book (banking) **3**-41d.
PASSCHENDAELE, BATTLE of (1917) **17**-355a; **23**-909d; *see also* Ypres, Battles of.
Passed ball (baseball) **3**-166d.
— pawn (chess) **5**-426d.
Passelewe, Robert **19**-285c.
Passemard, E. **6**-473d.
Passement, Claude S. **4**-529a.
— (lace) **13**-564c.
Passenger car (ry.) **18**-923d.
— liner **22**-417d; **20**-554d; fig. 3 **20**-533.
— pigeon **17**-921b.
— traffic **18**-932a fol.
Passenheim, Ger. [**24**-40 E2].
Passepied (mus.) **21**-584b.
PASSERAT, JEAN **17**-355a; **23**-155a.
Passerculus sandwichensis: *see* Savannah sparrow.
Passer domesticus: *see* House sparrow.
Passeree (weight) **15**-141a.
Passerella iliaca: *see* Fox-sparrow.
Passerelle de l' Estacade (bridge, Paris) **17**-287d.
PASSERES (PASSERIFORMES) (zool.) **17**-355a; **8**-26d; **9**-130b.
Passerina ciris (bird): *see* Nonpareil.
Passerini, Silvio **15**-191b.
Passer montanus: *see* Tree sparrow.
Passero, cape, Sic. [**24**-35 E6; **24**-178 J8]; **21**-134a.
Passes, lake, Que., Can. [**24**-89 B2].
Passes of the Alps (Brockedon) **23**-627c.
Passett, pass, Switz. [**24**-31 G4].
Passfield, Sidney Webb, baron: *see* Webb.
Passienus Crispus **1**-429c.
Passiflora: *see* Passion-flower.
Passing (football) **9**-475b.
— bell **3**-374b.
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Peperine (min.): *see* Peperino.
PEPERINO (min.) 17-497a; 19-465a.
Pepi I. (Egy. k.) 8-46c; 8-70d; 15-235a.
—II. (Egy. k.) 8-70d.
PEPIN: *see* Pippin.
—, co., Wis. [24-133 A5].
—, Wis. [24-133 A5].
—, lake, Minn. and Wis. [24-133 A5; 24-135 F7]; 15-562b.
Pepinster, Belg. [24-29 D4].
Pepiri-guazú, riv., S.Am. 18-42a.
Peplin, Utah [24-152 A1].
Pepo, Cenni di: *see* Cimabue.
—, S.L. [24-80 B4].
—, WILLIAM 17-497a.
PEPO (fruit) 17-497a.
PEPPER (spice) 17-497b.

Pepper box (fire-arm) **17**-965c.
PEPPER-CORN (pepper) **17**-498a.
Peppercorn (rent) **19**-154a.
Pepper Creek, Neb. [**24**-139 B2].
Peppered moth (insect) **15**-221d.
Pepperell, Mass. [**24**-99 C1].
Pepperellboro, Me.: *see* Saco.
PEPPER-GRASS (plant): **17**-498a.
PEPPERMINT (herb) **17**-498a; **15**-581c.
— menthol (chem.) **4**-681d.
— oil (pharm.) **17**-498b iol.
Pepper mussel (animal) fig. 5 **7**-436.
— plant (bot.) **13**-299a.
PEPPERRELL, SIR WILliam 17-498d.
— **TREE 17**-498d.
— vine **1**-831c.
— wood (tree): *see* Southern prickly ash.
PEPSIN 17-499a; digestion **16**-649b; **7**-377a; dyspepsia **7**-819c.
Pepsis (insect): *see* Sand-wasp.
Peptase (chem.) **9**-924b.
Peptic asthma (path.) **2**-572a.
Peptones (chem.) **16**-649c; properties **18**-610c.
PEPUSCH, JOHN C. 17-499b.
Pepys, Sir Charles: *see* Cottenham, 1st earl of.
PEPYS, SAMUEL 17-499b; **2**-993d; Wm. Penn **17**-474a fol.; Nell Gwyn **11**-18d fol.; shorthand **20**-576d.
Pepys' Diary **7**-323c; **17**-500b.
Pequabuck, Conn. [**24**-101 C1].
Pequanac, riv., N.J. [**24**-105 B1].
Pequeños poemas (lit.) **4**-686c.
Pequest, riv., N.J. [**24**-105 B2].
Pequiry, riv., Braz. [**24**-163 A6].
Pequonnock, Conn: *see* Bridgeport.
Pequop, Nev. [**24**-153 F1].
—, mts., Nev. [**24**-153 F1].
Pequot, Minn. [**24**-134 D5].
Per, (abbrev.) **1**-25d.
Per, M.: *see* Perennius, Marcus.
Per (chem.) **5**-362b.
Pera, Ala. [**24**-118 C4].
—, cape, Bal.Is. [**24**-33 H3].
—, head, Queens., Austr. [**24**-169 B1].
Peracarida (zool.) **14**-704c; **6**-804d.
PER-ACIDS (chem.) **17**-500d.
Peradeniya, India [**24**-67 D5]; **5**-177b.
Peradorcas: *see* Rock wallaby.
Peraea, dist., Pal. **10**-349d.
Peraeopod (zool.) **12**-555a.
Peraito, Ala. [**24**-118 B4].
Perak, state, Mal. Penin. [**24**-71 B5]; **14**-717b fol.; **14**-718c; **21**-449a.
—, riv., Mal. Penin. **14**-713c; **14**-718b.
Peralta, Don Luis (colonist) **16**-661b.
—, N.Mex. [**24**-148 C4].
Pera-marres (Egy. k.): *see* Amenemhē III.
Perambur, Madras **14**-615d.
Perameles: *see* Bandicoot.
Peramelidae (zool.) **14**-979a fol.
Perameloidea **14**-980d.
Peramiho, Tanganyika Terr. [**24**-83 G5].
Peramys (zool.) **14**-976a.
— sorex: *see* Shrew opossum.
Perath, Cumb., Eng.: *see* Penrith.
Peratherium (fossil) **14**-977a.
Perborates **3**-894b.
Perca flavescens: *see* Yellow perch.
— fluviatilis: *see* Perch.
Percarbonates **4**-839b.
Percée, mt., Fr. [**24**-27 K2].
—, pt., Fr. [**24**-24 E2].
Per cent. (abbrev.) **1**-25d; arith. **2**-358b.
Percentage (baseball) **3**-166d.
Percentile value (math.) **18**-535b.
Percept (psych.) **18**-678c.
Perception **7**-69c; **18**-688c; Aristotle **13**-453b; Democritus **7**-188b; disorder **12**-385d; Kant **13**-270a; **12**-67c; hallucination **11**-105a fol.; theory of knowledge **13**-462b; Hegel **11**-383a; Leibnitz **13**-457d; **13**-887a; logic **14**-307c; visual **23**-212a; visual sensation **23**-217b.
Perception of depth (optics) **3**-584d.
Perceptual inference **14**-43c.
PERCEVAL (legend) **17**-500d; **23**-698b; **10**-220d; the Holy Grail **10**-603c; Lohengrin **14**-337b; Round Table **19**-583c.
Perceval (Chrétien de Troye) **1**-945a: see also *Conte du Graal, Le.*
PERCEVAL, SPENCER (states.) **17**-501c.
Perch, lake, N.Y. [**24**-103 E1].
PERCH (fish) **17**-501c; **9**-320c; angling **1**-939d; eggs **8**-27c fol.
Perche, Thomas de Montacute, earl: *see* Salisbury, 4th earl of.
Perche, region, Fr. [**24**-24 F3]; **17**-501d.
—, hills, Fr. **14**-339d.
—, pass, Fr. [**24**-26 F5].
—, earldom (Fr.) **7**-828a.
— (measure) **15**-141a.
Percheron horse **11**-755d.
Perching (weaving) **9**-956c.
— birds **16**-921a.
Perchlorates **5**-606d.
Perchloric acid **5**-606d.
Perchloride of mercury: *see* Mercuric chloride.
Perchromates **5**-644c.
Perci, William de (d. *c.* 1096) **17**-502a.
— (fam.): *see* Percy.
Percidae (zool.) **9**-320d.
Percier, Charles (arch.) **9**-451b.
Percipience (psych.) **1**-960c.
PERCIVAL, JAMES G. (schol.) **17**-501d.
Percival, John (bp.) **4**-267a.
—, Ia. [**24**-138 B4].
Percoidea (zool.) **9**-320b fol.
Percolation, zone of (geol.) **16**-876c.
Percomorphi (zool.) **5**-951a; **9**-320b.
Percopsidae (zool.) description **9**-318c.
Percossi, I. (painters) **19**-549b.
Percussion (med.) **15**-203c; **2**-676c; **2**-697d; phys. **9**-263c.
— cap (fire-arms) **10**-986b; **21**-747b; **20**-803a.
— figure (crystallography) **6**-823d.
— flaking (min.) **9**-382c.
— fuse fig. 11 **1**-825.
— ignition (fire-arms) **20**-803a.
— primer (mil.) fig. 10 **1**-824.
— tube (mil.) fig. 9 **1**-824.
— welding (mech.) **5**-189a.
Percussive machines (coal mining) **5**-887b.
PERCY (Eng. fam.) **17**-502a; Alnwick **1**-674d; arms fig. 2 **11**-459; Neville **23**-542a; standard **9**-344d; *see also* Northumberland, earls and dukes.
—, Lord Eustace **8**-345d.
—, Elizabeth, Lady **8**-722b.
—, **SIR HENRY** (Hotspur) **17**-502d; **7**-551c; Glendower **10**-427a; Henry IV. **11**-435d; Homildon Hill **8**-500a; Shrewsbury **20**-586a; **16**-536b.
—, Henry de, 1st earl Northumberland **16**-536b.
—, Sir Ralph (d. 1464) **17**-502b; **19**-558b.
—, **THOMAS** (bp. of Dromore) **17**-503b; **2**-994a.
—, Thomas (conspir.) **11**-4d.
—, Fr. [**24**-24 D3].
—, Ill. [**24**-129 C5].
—, Miss. [**24**-119 B2].
—, N.H. [**24**-97 C2].
—, Pa. [**24**-106 B4].
—, isls., Queens., Austr. [**24**-169 D3].
— Junction, Ind. [**24**-126 A2].
PERDICCAS 17-503c.
— (Maced. gen.) **7**-304a fol.; Antipater **2**-72d; Egy. **18**-732a.
Perdiccas III. **17**-721b.
Perdido, mt., Pyrenees: *see* Perdu.
—, riv., Fla. [**24**-115 A1].
Perdi-phosphoric acid **17**-782d.
— -sulphuric acid derivation, etc. **21**-542d.
Perdito, riv., Ala. [**24**-118 B5].
Perdix cinerea: *see* Grey partridge.
Perdu (Perdido), mt., Sp. [**24**-33 G1]; **18**-795a.
Perdueville, Ill. [**24**-128 D3].
Pere, M.: *see* Perennius, Marcus.
Perecîn, Czech [**24**-51 H2].
PEREDA, JOSE M. DE (au.) **17**-503c; **17**-907b; **21**-159d.
PERE DAVID'S DEER 17-504a; *see also* Mi-lu.
Père Girard, (Gregoire) Le: *see* Girard, Jean Baptiste.
Père Goriot, Le (Balzac) **3**-12d.
Peregrina, La: *see* Avallaneda, Gertrudis Gómez de.
Peregrine earthworm **1**-995c.
— **FALCON**: *see* Falcon; *see also* **9**-44d fol.; **9**-43c; **12**-156d; il. **9**-43.
Peregrine Pickle, The Adventures of (Smollett): see *Adventures of Peregrine Pickle.*
Peregrini (Rom. law) **19**-448a.
Peregrinus, Gulielmus: *see* Gulielmus Peregrinus.
— **PROTEUS** (philos.) **17**-504b.
Père Hyacinthe: *see* Loyson, M. Hyacinthe.
Pereira, Christovão de B. **18**-280b.
—, Diogo **23**-834c.
—, Duarte C. (expl.) **17**-538d.
—, Nuño A. (Port. offl.) **18**-277c.
— y Cubero, José Alvarez de: *see* Alvarez, Don José.
PEREIRE (Pereira), **GIACOBBO R. 17**-504b.
Pereiro, Braz. [**24**-163 E4].
Perejil, mt., Teneriffe **21**-930d.
PEREKOP, U.S.S.R. [**24**-49 D5]; **17**-504c.
—, gulf, U.S.S.R. [**24**-49 D5].
—, isth., U.S.S.R. [**24**-179 M6].
Père Lachaise (cemetery, Paris) **1**-33c; **6**-129b.
Perella, N.Dak. [**24**-136 B1].
Perellos, Raymond (Hospitaller) **19**-838a.
Père Marquette, Mich.: *see* Ludington.
Peremarres: *see* Amenemhēt III.
Pere Mul Par, reef, Lac.Is. [**24**-67 B4].
Peremyshl, U.S.S.R. [**24**-49 E4].
Peren (Perenni), M.: *see* Perennius, Marcus.
PERENNIALS (bot.) **17**-504c; **11**-775b; **18**-16d.
— clover **10**-648d; **10**-649a.
— flax **14**-168c.
— herbs **21**-379d.
— honesty **11**-714d.
— rye-grass **10**-649a; **10**-651c.
— system (irrigation) **12**-687a.
Perennius, Marcus (potter) **13**-345b.
Peres, Fernando (count of Trava) **18**-276c.
Pères Blancs (missionary order) **13**-776d.
Pereskia (bot.) **4**-509b; **4**-511a.
Perestrello, Bartholomew (gov.) **6**-79b.
—, Felipa Moñiz de **6**-79b.
Peretti, Felice: *see* Sixtus V. (pope).
—, Francesco **1**-101c.
Peretts, U.N. (schol.) **19**-758b.
Peretz, I. L. (au.) **23**-891d.
Perevolatschna (battle, 1709) **21**-646d.
Pereyaslavets, Russ. **19**-713a.
PEREYASLAVL, U.S.S.R. **17**-504c.
Perez, Alonzo (expl.) **6**-81d.
—, Andrés (monk) **17**-906a.
— **ANTONIO** (dipl.) **17**-504d; **8**-706a; **21**-133a.
—, Isaac Loeb (au.) **11**-362c.
—, Joaquin (states.) **5**-495a.
—, Juan (dram.) **7**-593a.
—, Juan (expl.) **6**-80a fol.; **23**-390c.
— **DE AYALA, RAMON** (writ.) **17**-505a; **21**-161a fol.
— de Guzmán, Fernán (writ.) **18**-593d; **21**-155d.
— **DE HITA, GINES** (writ.) **17**-505a; **16**-577a.
— de Montalbán (au.) **21**-157c.
— **GALDOS, BENITO** (writ.) **17**-505a; **21**-159d.
Perfect (gram.) **19**-430c.
—, the (rel.) **5**-31c fol.
Perfecta casada, La (León) **21**-158c.
Perfect **binding** (bookbinding) **3**-859c.
— concords (mus.) **16**-4c.
Perfect gas **10**-37b; **22**-87a.
Perfecti (rel.) **23**-288d.
Perfectibilists (order) **12**-100b.
Perfect interval (mus.) **11**-203c.
Perfection (philos.) **8**-759a; **11**-477b.
—, Gospel of (bibl.) **2**-107d.
Perfectionism (ethics) **8**-759a.
Perfect numbers (math.) **16**-606d.
— radiator: *see* Black body.
Perfectus destructor (engin.): Warner destructor.
Perfoliate leaf (bot.) **13**-827c.
Perforated plate column **7**-430a.
— scanning discs Pl. I. figs. 2, 4 **21**-TELEVISION.
Perforating cutaneous nerve **16**-238a; fig. 9 **16**-237.
— Machine Pl. III. fig. 4 **9**-FURNITURE MANUFACTURE.
Perforation **18**-9b; med. **10**-55d fol.
Performance (engin.) **12**-507a.
Performing Animals (Regulation) Act (1925, Eng.) **22**-43c.
Perfumed cherry (bot.) **5**-419c.
Perfumer's essence of lemon **13**-907d.
PERFUMES 17-505b; ambergris **1**-739b; musk **16**-25a; smell **20**-820a; soap **20**-860c; *see also* Cosmetics; Incense.
Perfusion (physiol.) **22**-1002b.
PERGA, Asia M. **17**-507b.
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Pergamese school **2**-657a.
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Pergamus (legend) **1**-915c.
PERGOLESI, GIOVANNI B. (comp.) **17**-508a.
—, **MICHAEL A.** (art.) **17**-508b.
Pergusa, lake, Sic. **5**-7c.
Perham, Me. [**24**-96 D2].
—, Minn. [**24**-134 C5].
— Junction, Me. [**24**-96 B4].
Perhentian, isls., Mal. Penin. [**24**-71 B4].
Perhydrol **11**-978b.
PERI, JACOPO 17-508b; **4**-508b.
Peri, The (Dukas) **7**-720c.
Peri-Adriatic Intrusion Zone (geol.) **1**-694a.
PERIANDER (of Corinth) **17**-508c; **6**-432c; Corfu **6**-430b.
PERIANTH (bot.) **17**-508d; **9**-410b; grasses **10**-654c.
Peri-articular arthritis (path.) **19**-247b.
Periaslavo, U.S.S.R. [**24**-49 D4].
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Periblem (bot.) **18**-12b.
PERIBOLOS (PERIBOLUS) (arch.) **17**-508d.
Pericardio-peritoneal canal **5**-971b.
Pericarditis **17**-508d; **18**-100b.
PERICARDIUM, DISEASES of the **17**-508d; **5**-969c; **11**-303d; **22**-998b; embryo fig. 1 **8**-974; fig. 2 **16**-770; rheumatism **19**-248c.
Pericarp (bot.) **9**-878c; **10**-655a fol.; *see also* Fruit.
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Periclinal chimaera **5**-503b; **10**-600d.
— dip (geol.) **9**-443b.
Periclinal plant **11**-492c.
Pericline twin law (min.) **17**-991b.
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—, Tex. [**24**-122 C1].
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Peridinian **17**-1003a; plankton fig. 1 **17**-1002.
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Peridot Pl. I. fig. 8 **10**-GEMS IN ART.
PERIDOTITE 17-511a; **17**-913b; serpentine **20**-372a.
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PERIGORD, prov., Fr. [**24**-26 D2]; **17**-511c; **23**-409b.
— truffle **22**-507b.
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— cicada (periodical locust) **5**-692c.
Periodic cipher (code) **5**-959a.
— classification (chem.) **5**-359d; **17**-520b.
— **CURRENT** (radio) **17**-517b.
— group (chem.) **22**-945a.
Periodicity (geol.) **10**-165d; marine biol. **1**-601d; math. **8**-373a; phys. **8**-301c.
PERIODIC LAW, THE 17-517c.
— reunions (dipl.) **21**-586d.
— system (cipher) **5**-956c fol.
— table (chem.) **2**-645c; **21**-192c; (table) **22**-945a.
— term (astron.) **5**-92c.
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— Univ. **22**-863d.
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— Corporation, Ltd. **17**-630a.
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—, Simone da (It. art.): *see* Cantarini, Simone.
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— and Urbino, dept., It. **12**-761c.
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—, riv., It. **17**-637c.
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— of Poona **7**-122c.
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PESO (money) **17**-638c; (Arg.) **2**-321b; Guat. **10**-942d; Honduran **11**-712b; Pan. **17**-169d.
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— pumilio 17-938a; *see also* Dwarf pine; Mountain pine.
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Pinus rigida: *see* Pitch-pine (Am.).
— silvestus 9-989a.
— Strobus: *see* Weymouth pine; Eastern white pine.
— sylvestris (tree) Eur. 8-834a; *see also* Scotch fir; Baltic red deal; Scotch pine; Fir.
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— -pain principle **1**-52d; **18**-673c.
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— (astron.) **16**-185d; **21**-332c; **8**-140d: *see also* Sirius.
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Plénée-Jugon, Fr. [**24**-24 C3].
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Pléneuf, Fr. [**24**-24 C3].
Plenipotentiary **7**-407b.
Plenius, Roger **17**-895d.
Plenty, bay, N.Z. [**24**-172 F2].
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Pleochroic haloes (min.) **15**-526b.
Pleochroism **6**-425d; **6**-826d.
Pleodorina **18**-632a.
Pleomorphism **2**-901a.
Pleonandrae **16**-849b.
Pleonaste **21**-229c.
Plerguer, Fr. [**24**-24 D3].
Plérin, town, France [**24**-24 C3].
Plerocercoid **21**-804c.
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Plesihippus **8**-672a.
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PLESIOSAURUS 13-194a; **17**-107d; **19**-194c.
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Plessis-les-Tours, treaty of (1580) **11**-657d.
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Pleura pophyses **20**-736a.
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Pleurocoela **10**-60c.
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Pleurodictyum problematicum **7**-288c.
Pleurodira **22**-310a.
Pleurodont (tooth) **21**-874d fol.
Pleurogona **22**-550c.
Pleuromeia **17**-84a.
Pleuron **6**-800a.
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— flesus: *see* Flounder.
— stellatus **9**-403d.
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Pleurotremi **20**-293a.
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Plevlje, Yugos. [**24**-52 D3].
Plevna (Pleven), dist., Bulg. [**24**-53 C4].
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PLEVNA (PLEVEN), Bulg. [**24**-53 C4]; **18**-75d; **9**-531b; **19**-708b.
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Plimouth Plantation, History of (W. Bradford) **1**-784d; **3**-1005d.
Plimpton, J. L. **19**-388d.
PLIMSOLL, SAMUEL 18-77a; **20**-545d; **8**-538b.
— line (naut.) **8**-538b; **9**-729a; *see also* Freeboard.
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Plomb du Cantal, mt., Fr. [**24**-27 F2]; **4**-763d.
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Plotbisktche, (Sib.) U.S.S.R. [**24**-57 N2].
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POLICE **18**-158c; **8**-395c; **12**-559c; Anglo-Saxon **1**-949a; arrest **2**-431b; fingerprint records Pl. **9**-FINGER-PRINTS.
— Act (1856, Eng.) **6**-294d; **18**-158d.
— Act (1857, Scot.) **18**-158d.
— Court Mission (Eng.) **18**-540c.
— **COURTS** **18**-160b.
— dog: *see* Alsatian.
—, Factories, etc., Act (1916, Eng.) **13**-540a fol.; **12**-307b.
— Pensions Act (1921, Eng.) **17**-489c.
— **POWER** **18**-160c; **6**-320d.
— women **18**-159a.
Policlino, hill, Sic. **21**-713b.
Policies of Assurance Act (1867, Eng.) **14**-53a.
Policlinico (hospital, Rome) **19**-473d.
Policraticus (John of Salisbury) **13**-103d.
Policy (insurance) **14**-51b fol.; **1**-93d; **9**-272b.
Polidoro (paint.): *see* Caravaggio.
Polieus (cult) **23**-949a.
Polifilo (monotype) **18**-511d.
—: *see* Hypnerotomachia Poliphili.
Poligar (zool.) **12**-155d.
Poligars (chieftains) **4**-803c.
POLIGNAC (fam.) **18**-161a.
—, Jules de, prince **5**-278d.
—, Fr. [**24**-27 G2]; **11**-256c.
— (game): *see* Four jacks.
POLIGNY, Fr. [**24**-27 J1]; **18**-161b.
Polillo, isl., P.I. [**24**-73 B3].
—, P.I. [**24**-73 B3].
Poling (met.) **6**-404c; **15**-314a.
Polinos, isl., Gr. [**24**-55 D4]; **15**-229c.
Poliomyelitis, anterior: *see* Infantile paralysis.
Polioptila cærula: *see* Blue-grey gnatcatcher.
Polioptilinæ (zool.) **10**-450a.
Poliorcetes, Demetrius: *see* Demetrius I. (of Maced.).
Pollosauridæ (zool.) **19**-186b.
Polliouchos, Athena (myth.): *see* Polias, Athena.
Poliscena (Bruni) **7**-590d.
Polish (paint): *see* Varnish.
—, French: *see* French Polish.
— Bank (game): *see* Bank.
— draughts (game) **7**-623d.
Polisher (optics) **13**-921b.
Polish grains (insect) **13**-562a.
Polishing **1**-61c; **9**-948c fol.; **13**-851a.
POLISH LANGUAGE **18**-161c; **20**-788d.
— Legions (mil.) **18**-145c.
POLISH LITERATURE **18**-162a; **17**-516b.
— Minorities Treaty (1919) **18**-151a.
— National Department (U.S.) **18**-148d.
— platform (geol.): *see* Palæozoic platform.
— Socialist Party **18**-148b; **17**-931b.
— **SUCCESSION WAR** (1733-1735) **18**-166d; **10**-274b.
— wheat **23**-559a.
Polissena Sforza **19**-310b.
Polist, riv., U.S.S.R. [**24**-48 D3].
Polistes tepidus: *see* Wasp, Mediterranean.
Politburo (Soviet govt.) **21**-101b.
POLITIAN (au.) **18**-167a; **12**-742b fol.; **19**-126c.
Politianus, Angelo: *see* Politian.
Política hidráulica (Sp.) **2**-210b.
Political clubs (Eng.) **5**-859c.
POLITICAL ECONOMY: *see* Economics.
Political geography **10**-152d.
Political Justice, The inquiry concerning (W. Godwin) **10**-465c.
Political Offices Pension Act (1869, Eng.) **17**-491a.
POLITICAL PENSIONS: *see* Pensions, Political.
Political Register (period.) **5**-932c fol.
Political sanction, **8**-760c fol.
Political science **2**-35c; constitution **6**-816b; electoral systems **8**-133d; sovereignty **21**-98a.
POLITICAL SCIENCE, ARTICLES ON: *see* Constitution; Legislature; Parliament; Conservative Party; Whig and Tory; Republican Party; Democratic Party, etc.
Politics: convention **6**-352d; **16**-136a; caricature **4**-864d; early forms **6**-159c; fine arts **9**-245a; origin **10**-783b; philosophy **17**-762b.
Politicus: Aristotle **2**-352a; Plato **18**-58d.
Politiques (Fr. party) **9**-623c.
Polity (sociol.) **20**-914c.
Polivo, isl., Gr.: *see* Polinos.
Poliziano, Angelo (au.): *see* Politian.
Poljica, dist., Dalm., Aust.: *see* Poglizza.
POLK, JAMES KNOX **18**-167d; **22**-802d; **7**-187c; port. Pl. VII. fig. 11 **22**-UNITED STATES.
—, **LEONIDAS** **18**-168c; Chickamauga **5**-460d; **1**-757b; Perryville **17**-544d.
—, co., Ark. [**24**-120 A3].
—, co., Fla. [**24**-115 G4].
—, co., Ga. [**24**-114 A3].
—, co., Ia. [**24**-138 D3].
—, co., Minn. [**24**-134 B4].
—, co., Mo. [**24**-140 D4].
—, co., N.C. [**24**-112 C2].
—, co., Neb. [**24**-139 G3].
—, co., Oreg. [**24**-151 B3].
—, co., Tenn. [**24**-117 G2].
—, co., Tex. [**24**-123 G4].
—, co., Wis. [**24**-132 A4].
—, Ia. [**24**-138 D3].
—, Mo. [**24**-140 D4].
—, Neb. [**24**-139 G3].
—, O. [**24**-124 C3].
—, Pa. [**24**-106 B2].
POLKA (dance) **18**-168d; **7**-16c.
Polk City, Ia. [**24**-138 D3].
Polkton, N.C. [**24**-112 E2].
POLLACK (fish) **18**-168d; **1**-941b.
POLLAIUOLO (fam.) **18**-168d.
—, Antonio **14**-155a; **7**-756b; silver work **20**-688d; sculpture Pl. III. fig. 4 **20**-SCULPTURE.
POLLAN (fish) **18**-169a.
POLLARD, ALBERT FREDerick (hist.) **18**-169a.
—, **ALFRED WILLIAM** (schol.) **18**-169a; **20**-447c.
—, Ala. [**24**-118 B4].
—, Ark. [**24**-120 E1].
—, Kan. [**24**-142 D3].
—, Wash. [**24**-150 G2].
— (bot.) **21**-880c.
— hydrometer fig. 8 **7**-220.
Poll-axe **20**-772d.
Polle, Ger. [**24**-38 E2].
Polled Hereford **5**-51b.
Polledrara (tomb, Vulci) **8**-788a; **4**-242c.
Polled Shorthorn **5**-51b.
Pollen **9**-408a fol.; **20**-884a; **18**-170d; **10**-655a; **11**-22d fol.
Pollen-bearer (bot.): *see* Stamen.
Pollender (sci.) **2**-40c.
Pollen-grain (bot.) **1**-925c; **9**-408a; fig. 14 **11**-27; *see also* Microspore.
Pollenia rudis (insect): *see* Cluster-fly.
Pollensa, Bal. Is. [**24**-33 H3]; **14**-698d.
—, bay, Bal. Is. [**24**-33 H3]; **14**-698d.
Pollen-sac (bot.) **1**-925c; **9**-408a fol.
POLLENTIA, It. **18**-169b; battle, (402) **19**-507d; **1**-497c.
Pollex (anat.): *see* Thumb.
Polley, Wis. [**24**-132 C4].
Polliat, Fr. [**24**-27 J1].
Pollilur, India **11**-960a.
Pollina, Turk. **2**-112a: *see also* Apollonia.
POLLINATION **18**-169b; **3**-947b; agents **3**-614d; angiosperms **1**-925c; gymnosperms **11**-22d; orchids **16**-848d.
Polling (voting) **8**-136b; **3**-891a.
Pollino, mt., It. **14**-455c; **3**-176a; **4**-543b.
POLLIO, GAIUS ASINIUS **18**-172c.
—, Marcus Vitruvius: *see* Vitruvius.
—, Trebellius **2**-681b.
Pollius, Felix **21**-606d.
Polloc, P.I. [**24**-73 B4].
POLLOCK (fam.) **18**-172d.
Pollock, Sir Frederick **5**-714c.
—, Sir George **12**-195d.
—, Ida. [**24**-145 B4].
—, La. [**24**-121 B2].
—, Pa. [**24**-106 B2].
—, S.Dak. [**24**-137 D1].
— (fish) **1**-942c.
Polloksville, N.C. [**24**-112 H3].
Pollopas (chem.) **19**-212d; **22**-895c.
POLL-TAX **18**-173a; Egyptian **8**-79b; U.S. **21**-849c.
POLLUCITE (min.): *see* Pollux.
POLLUX, IULIUS **18**-173b.
POLLUX (myth.): *see* Castor and Pollux.
POLLUX (POLLUCITE) **18**-173b; **4**-527b.
Pollux, mt., N.Z. [**24**-173 B6].
Pollux (astron.) **10**-95c; Pl. I. **21**-STAR.
Polly (Gay) **10**-80b; **17**-499b.
Polmont, Scot. [**24**-12 A2].
Polo, G. G. (Sp. writ.) **17**-361a.
—, Maffeo (mer.) **5**-535a; **18**-173c.
—, **MARCO** (trav.) **18**-173c; **5**-535a; **11**-748c; **13**-510a; **18**-460b.
—, Nicolo (mer.) **5**-535a; **18**-173c.
—, Ill. [**24**-128 C2].
—, Mo. [**24**-140 C2].
POLO (game) **18**-175b; **2**-993c; **11**-757a; Pl. I. figs. 1, 2 **11**-HORSE; **14**-811c.
—, Water: *see* Water Polo.
Polochic, riv., Guat. **10**-940d.
Polo grounds (N.Y.) il. **3**-160.
Pollok, R. **7**-343a.
Polomet, riv., U.S.S.R. [**24**-48 D3].
POLONAISE (dance) **18**-177c; **7**-18a; (carpet) **19**-623c; (mus.) **21**-534b.
Polonia, Wis. [**24**-133 D5].
Polonina, mts., Czech. [**24**-51 H2].
POLONIUM **18**-177d; **5**-361b; **18**-886d; **18**-893a; *see also* Radium F.
Polonnâruwa, Cey. **12**-218c; **12**-224d.
POLOTSK, U.S.S.R. [**24**-48 C3; **24**-9 N2]; **18**-177d; battle (1812) **7**-346d.
Polotsky, S. **22**-57c.
Polovtsi: *see* Cumans.
Polpol, mts., U.S.S.R. **13**-248b.
Polruan, Corn., Eng. [**24**-17 B4]; **9**-567a.
Polska, country, Eur.: *see* Poland.
Polska Krajowa Kasa Pozyczkowa (bank, Pol.) **18**-132a.
POLTAVA, former govt., Russ. **18**-178a.
POLTAVA, U.S.S.R. [**24**-49 D5]; **18**-178a; (battle, 1709) **19**-716d; **21**-646d; map **1**-463.
Polterask, Turkmanistan, U.S.S.R. **4**-354c.
POLTERGEIST: *see* Psychical Research.
Poltofski, (Sib.) U.S.S.R. [**24**-57 M4].
POLTORATSK: *see* Ashkhabad.
Polu, Tib. [**24**-65 E1].
Polumatheia **15**-990d.
Polus (of Agrigentum) **20**-1001b.
Polutorno, Fin. [**24**-48 D2].
Polvadera, N.Mex. [**24**-148 C4].
Pölwa, Est. [**24**-47 D1].
Polworth, co., Vict., Austr. [**24**-170 F7].
— sheep **23**-727d.
Polyacanthus: *see* Paradise-fish.
Polyaegos, isl., Gr.: *see* Polinos.
POLYÆNUS **18**-178a.
Polyalphabetic system **5**-955c fol.
Polyandrous flower **9**-413b.
POLYANDRY **18**-178b; **6**-158d; **4**-984a; **14**-949b; **13**-406b.
Polyangium primigenum fig. 14 **2**-908.
POLYANTHUS **18**-178c.
— narcissus **16**-118b.
Polyatomic molecules **8**-347c.
Polyautography: *see* Lithography.
Polybasic acids **11**-985a.
Polybasicity **1**-124a.
Polybasite **20**-684b.
POLYBIUS (hist.) **18**-178d; **10**-838c; **11**-594d; **14**-243b; **19**-509a.
Polybolos **8**-453c.
Polyborus cheriway: *see* Audubon caracara.
Polybos, isl., Gr.: *see* Polinos.
Polybostrichus **1**-992c.
Polybunodont **21**-876c.
Polybus **16**-709c.
Polycarp, St. **19**-820a.
POLYCARP **18**-180c; **17**-238d; **13**-98a.
Polycarp, Epistle of **2**-108d; **18**-180c.
Polycarpellary pistil **9**-414b.
POLYCHÆTA **18**-182a; **1**-989c; **17**-1002d; **23**-979d.
Polychromates **5**-644b.
Polychromy **20**-217a.
Polychronicon (Higdon) **11**-548c.
Polycladida **22**-573d.
POLYCLEITUS **18**-182a; **10**-812b; Pl. V. fig. 2 **10**-GREEK ARCHITECTURE.
Polyconic projection **14**-848c fol.
Polycrates (philos.) **20**-917c.
POLYCRATES (Samos) **18**-182c; **4**-655a; **10**-590b.
Polyctenidæ **11**-417d fol.
Polycycle **18**-9c.
Polydectes: *see* Pluto.
Polydesmoidea (animal order) Millipede **15**-502b fol.
Polydeuces boxed Amycus **2**-334a; **12**-64d.
Polydora nutrix **1**-993c.
Polydorion, Turk.: *see* Buldur.
Polydorus **11**-701a.
Polydrusus **23**-478b.
Polyembryony **1**-926c; **8**-621b; **12**-414b.
Polyen **2**-980b.
Polyenergid **18**-623c.
Polyergus rufescens **20**-886a.
Polyesie, zone Russ. **22**-668a.
Polyeucle (Corneille) **6**-440b fol.
Polygala: *see* Milkwort.
POLYGALACEÆ **18**-182d; **15**-489c.
Polygala paucifolia: *see* Fringed milkwort.
— Senega: *see* Senega.
— vulgaris: *see* Milkwort.
Polygamous flower **9**-413b.
Polygamy: *see* Polygyny.
POLYGLOTT (Polyglot) **18**-182d.
— Bible **2**-341d; **11**-958a.
— dictionary (Calepino) **4**-583c.
POLYGNOTUS **18**-183a; **10**-809a; **15**-426d; **21**-428c.
POLYGONACEÆ **18**-183b; **4**-322c.
POLYGONAL AND POLYhedral Numbers: *see* Figurate Numbers: *see also* **9**-230d; **16**-605a fol.
— line **18**-183d.
Polygonal Numbers (Diophantus) **7**-400a.
— region **18**-184c; **20**-942b.
Polygonatum multiflorum: *see* Solomon's seal.
Polygon of forces **7**-309b fol.; **15**-165c.
POLYGONS **18**-183d.
— tundra **19**-689a.

Polygonum **18**-183b fol.
— aviculare: *see* Knot-grass; knotweed.
— Bistorta: *see* Bistort.
— convolvulus: *see* Black bindweed.
— Fagopyrum: *see* Buckwheat.
— tinctorium **12**-255c.
— viviparum **13**-443d; **18**-15d.
Polygordiidae **1**-989b; **12**-553b fol.
Polygraph **7**-307b.
POLYGYNY **18**-186b; **14**-949b; Hehe **11**-385d; India **4**-983c; Islamic law **12**-237c; missionaries **2**-47d; Mormons **15**-810d; **22**-913b; Nama, Bantus **1**-309a; Negroes **16**-193d.
Polygyra **20**-849b.
Polyhalite **18**-323a.
Polyhedral angle **1**-928d.
Polyhedral numbers: *see* Figurate Numbers.
Polyhedral solids **20**-941d.
POLYHEDRON: *see* Solids, Geometric.
Polyhetero-atomic nuclei **5**-386c.
Polyhistor: *see* Alexander Cornelius.
Polyhistor (Solinus): see *Collectanea rerum memorabilium.*
Polyhydroxyaldehydes: *see* Ketones.
Polykandro, isl., Gr. [**24**-55 D4].
Polymastigina **18**-632c.
Polymastodon **8**-634d.
Polymedium, Asia M. **22**-502c.
POLYMERIZATION **18**-187b; **1**-548a; **17**-785a; **19**-212b; **22**-548a.
Polymetamorphism **15**-325b.
Polymethylene derivatives **5**-380b.
POLYMETHYLENES: *see* Chemistry, Organic; Homocyclic Compounds; *see also* Cycloparaffins.
Polymixiidae **9**-319d.
Polymnie, isl., Ind.O. **1**-547a.
Polymorphic cell fig. 11 **4**-16.
Polymorphism (zool.) **2**-32c; **5**-964b; **12**-1b fol.; **18**-628d; chem. **1**-661b; **5**-396a; **12**-720b; rel. **3**-910d.
Polymorphonuclear **3**-742d fol.; **14**-520b.
Polymorphous crystals **6**-828d.
Polyneices **1**-261c; **16**-709d.
Polynema natans: *see* Fairy fly.
Polynemidae **9**-320c fol.
POLYNESIA, isls., Pac.O. **18**-188a; **17**-4d; archae. **16**-694c; Austronesian **2**-781d; communism **6**-137a; dead **7**-98c drama **7**-581b; marriage **14**-941b; race origin **17**-19b; rel. **18**-188c; Totemism **22**-316c; transport **22**-416b.
Polynesian (race) **7**-860b; **9**-231b; **18**-188a; **18**-866c; Pl. I. figs. 4, 6, 8 **2**-ANTHROPOLOGY.
— **LANGUAGES** **18**-189b; **18**-190b.
— **LITERATURE** **18**-190d.
Polyneuritis **16**-257d.
POLYNOMIAL **18**-191b; **1**-604c fol.; **9**-918b fol.; **16**-605a.
Polyodon folium: *see* Spoonbill.
— spathula: *see* Paddle fish.
Polyodontidae **9**-312c.
Polyoestrous **19**-173d.
Polyolbion (Drayton) **7**-257a; **7**-638a; **8**-575b.
Polyommatus Adonis **1**-177b.
Polyoxides **16**-998d.
POLYP **18**-192d; anthozoa **2**-31b; budding fig. 10 **5**-968; coelenterata **5**-964a fol.; colour **6**-72b; hydrozoa **12**-1a; individuality **12**-256b; parasite **17**-273c; reduction **10**-923a.
Polypectron: *see* Peacock-pheasant.
Polypedatidae **1**-835d fol.
Polypemon: *see* Procrustes.
Polypeptides **5**-370a.
Polyperchon (Maced.) **2**-65c; **2**-73a.
Polypetalous corolla **9**-411d.
Polyphaga **6**-3b.
Polyphagus **9**-925b fol.
Polyphase motors **15**-877b.
— wattmeter **12**-443a.
POLYPHEMUS **18**-192d; **1**-125d; **22**-55a.
Polyphontes **15**-283b.
Polyphony **16**-5c; **11**-709b; Beethoven **3**-321c; concerto **6**-198d; harmony **11**-204b; instrumentation **12**-428d; mass **15**-24b; Zacconi **23**-928c.
Polyphyodont **21**-875a fol.
Polypide **18**-196a.
Polyplectron: *see* Peacock pheasant.
Polyploid **11**-490d.
POLYPODIUM **18**-192d; **12**-4d.
— cambricum **18**-193a.
— hydriforme: *see* Polyp.
— serratum **18**-193a.
— virginianum **18**-193a.
— vulgare (plant): *see* Polypody.
Polypody **18**-193a; figs. 3, 4 **18**-724.
Polypompholix **12**-405a.
Polyporaceae: *see* Bracket fungi.
Polyporeae, boletus **3**-807b; **9**-927d.
— fomentarius (fungus) **1**-723d.
Polyprion cernuum: *see* Wreck-fish.
Polyprodonta **23**-964d.
Polyprotodontia **14**-980b; **21**-876a.
Polypteridae **9**-312c; **10**-18a; **14**-487a; comparative anat. **20**-735c; **23**-102c.
POLYPUS **18**-193a.
Polysaccharides **4**-835a; **5**-368d; **10**-444a; **16**-746c.
Polysaccharose **5**-99b.
Polyselenides **20**-300d.
Polysepalous calyx **9**-411b.
Polysiphonia **1**-598d fol.
Polysperchon **7**-304b.
Polystigma rubrum **18**-84a.
Polystilifera **16**-210c.
Polystomatidae **22**-450d.
Polystomella crispa figs. 13, 14 **18**-624.
Polystomella **18**-633a.
Polystonum **22**-451c.
Polysyllogism **14**-313a.
Polysymmetrical flower **9**-410d.
Polysyntheticism **3**-184d.
Polysynthetic twinning (crystall.) **6**-821d.
POLYTECHNICS **18**-193a; **21**-867a.
Polytechnikum (Zurich, Switz.) **18**-193a; **21**-869c.
Polytechnique, Ecole (Fr.): *see* Ecole polytechnique.
Polyterpenes **21**-954b.
Polytheism **8**-58b; **11**-577b; **12**-248a; **14**-466c; **19**-107b; **21**-431a.
Polytoma **18**-632a.
POLYTONALITY **18**-194c.
Polytrichaceae **18**-6c.
Polytrichum **4**-306a.
Polyvalent serum **20**-374b.
POLYXENA **18**-194c.
Polyxenides **11**-157c.
Polyxenus (philos.) **13**-57c.
— lagurus fig. 1 **15**-501.
POLYZOA **18**-194c.
Polyzonium fig. 7 **15**-502.
Pölzig, Ger. [**24**-39 H3].
Polzin, Ger. [**24**-40 C2].
Polzow, U.S.S.R. [**24**-48 J2].
Pomabamba, Bol. [**24**-161 C5].
Pomacanthus: *see* Angle-fish.
Pomacentridae **9**-321a.
Pomadasidae **9**-320d.
Poma de Orenge **16**-838b.
Pomaks **4**-359a; **4**-363a.
Pomali, riv., Du.E.I. **17**-444d.
— (taboo) **22**-230d.
Pomaran (Dondrekin), isls., Mal. Arch. [**24**-72 E4].
Pomare I-II (Tahiti) **21**-754d fol.
Pomaria, S.C. [**24**-113 C2].
Pomarine jaeger **20**-757c.
Pomaro, Mex. [**24**-158 D4].
Pomatomidae **9**-321a.
Pomatomus saltator: *see* Blue-fish.
Pomba, Braz. [**24**-164 B5].
—, riv., Braz. [**24**-164 B5].
POMBAL, S. J. de CARVALHO E MELLO, Marquess of **18**-197a; **18**-280b; **4**-57c; **7**-1003b; **17**-219a.
Pombal, Bahia, Braz. [**24**-164 C3].
—, Parahyba, Braz. [**24**-164 C2].
—, Port. [**24**-32 B3]; **17**-260c.
Pombets, Jap. [**24**-75 N2].
Pome (bot.) **9**-878d.
Pomeae **2**-504a.
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Portway, Eng. [**24**-16 D2].
—, N.Y. [**24**-102 C3].
Port Weld, W.Aus. [**24**-168 A3].
— William, Scot. [**24**-19 D7].
— **WINE** **18**-297c; **16**-813d; **23**-656d.
—-wine stain (tumour): *see* Naevus, simple.
— Wing, Wis. [**24**-132 B3].
Porum, Okla. [**24**-143 H3].
PORUS **18**-297d; **1**-570a; **11**-956d.
Poru Tso, lake, Tib. [**24**-65 E2].
PORVOO, Fin. **18**-297d.
Poryant, F. C. **22**-268d.
Pory, John **16**-354d.
Porzana carolina: *see* Carolina rail.
Porzanula palmeri: *see* Laysan rail.
Porzio, Camillo **12**-743b.
Posadas, Arg. [**24**-165 E2]; **15**-593c.
Posadnik (Russ. mayor) **19**-713d.
Posaun: *see* Buccina.
Poschiavo, Switz. [**24**-31 J4]; **22**-958d fol.
Pose (in dominoes) **7**-520c.
POSEIDON (god) **18**-298a; Pl. II. fig. 5 **10**-GLASS; **4**-456d; Amphitrite **1**-847c; Amymone **1**-855d; Athena **2**-601d; Attica **2**-660a; Demeter **7**-179a; Iliad **11**-700c; Minotaur **15**-577d; Odyssey **11**-701b; temple, Paestum Pl. I. figs. 1, 5 **10**-GREEK ARCHITECTURE; Pl. XI. **2**-ARCHITECTURE; Sunium **21**-567d.
— (month) **4**-579a.
Poseidona, gulf, It. **12**-787d.
Poseidon Deep (geol.) **4**-844a.
— Hippios: *see* Consus.
Poseidonia, It. **16**-617a; *see also* Paestum.
POSEIDONIUS (philos.) **18**-298c; **18**-736b; **18**-50d.
POSEN: *see* Poznan.
Posen, Mich. [**24**-130 H4].
"Posen" (battleship) **13**-227a.
Posen, Peace of (1806) **20**-35d.
Posets, mt., Sp. [**24**-33 G1]; **18**-795a.
Posey, co., Ind. [**24**-127 A4]; **15**-937d.
—, Ill. [**24**-129 C5].
Poseyville, Ind. [**24**-127 A4].
Po-shan, mt., China [**24**-70 C2].
Poshan, coal fields, China **5**-510c; **5**-550a.
Posharsky (prince of Russia), **19**-715d.
Poshaw, Bur. **12**-684d.
Poshekonie, U.S.S.R. [**24**-48 E3].
Posh-té (bot.) **2**-7b.
Posidi, Gr. [**24**-55 C3].
Pösing, Ger. [**24**-39 H4].
POSIDIPPUS (dram.) **18**-298d.
Posidonia, It: *see* Paestum.
Posidonius (philos.) **14**-838b.
Posidonomya (zool.) **4**-843d; **4**-841d.
Posieta, bay, U.S.S.R. **19**-683b.
Posilipo, Grotto, Naples, **6**-806a.
POSITION ANALYSIS (math.): *see* Analysis situs.
— finding **1**-229a; Pl. I. figs. 3, 5 **16**-NAVIGATION.
—isomerides (chem.) **5**-372c.
— -relationships of bodies (phys.) **21**-105d.
— warfare **2**-477c.
Positive binary quadratic forms: *see* Binary quadratic forms.
— blowers (mech.) **3**-752d fol.
— column (elec.) **8**-259d.
— electricity **8**-183a.
— evolution: *see* Progressive evolution.
— form (math.) **16**-602d.
— infinite (math.) **12**-340c.
— lens (optics) **15**-433d.
— number (math.) **6**-181d.
POSITIVE (PORTABLE) ORGAN **18**-298d.
Positive Philosophy (Comte) **6**-190b; **20**-911c.
Positive plate **3**-214b; figs. 11, 13 **1**-111.
— quaternary quadratic forms: *see* Quaternary.
— **RAYS** **18**-298d; **8**-271a; **18**-882d fol.
— term (logic) **21**-948b; math. **20**-362c.
— ternary quadratic forms: *see* Ternary.
POSITIVISM **18**-302a; **17**-756d; **8**-984b fol.; naturalism **16**-164c; churches **18**-302b; substance **21**-501d; *see also* Comte, Auguste.
Positivist Committee (Eng.) **11**-219c.
Poska, J. (states) **8**-741a.
Posnania, prov., Pol.: *see* Posen.
Poso, riv., Celebes **5**-88c.
Poso-Alfures (people) **15**-336c.
Pospisil, J. **5**-435a.
Posse, Nils, baron **11**-22b.
POSSE COMITATUS (law) **18**-302b; **10**-677b.
Posselt (journalist) **6**-520a.
Possen, Ger. [**24**-39 F2].
Possesse, Fr. [**24**-25 K3].
Possession, isl., Antarc. [**24**-5 A11]; **2**-15d.
—, isl., Austr. **2**-714b.
—, isl., Ind. O. **6**-765b.
POSSESSION (anthro.) **18**-302c; **7**-137a; **19**-110b.
POSSESSION (IN LAW) **18**-302d; **18**-406d; **19**-452d.
Possessory judgment (Scot. law) **18**-303b.
Possibility (logic) **18**-529c fol.
Pössneck, Ger. [**24**-39 G3].
Posso, Celebes, Mal. Arch. [**24**-72 F4].
—, lake, Celebes [**24**-72 F4].
POSSUM: *see* Opossum.
Post, A. H. **13**-203b; **20**-912b.
—, G. B. **16**-386b.
—, Kan. [**24**-142 B4].
—, Oreg. [**24**-151 E3].
—, Tex. [**24**-122 D3].
—, riv., Que., Can. [**24**-89 B3].
— (arch.) **2**-274d; ill. **2**-275.
Posta, Colo. [**24**-147 C4].
Postage stamps (collecting): *see* Philately.
Postal Congress: Lisbon, 1885 **4**-964b; Vienna, 1891 **4**-964b.
Post-Alexandrine period (Gr. lit.) **5**-770d.
POSTAL INSURANCE: *see* Insurance: *Post Office Facilities*.
— Microscopic Society (Eng.) **15**-443d.
— note: *see* Postal order.
— **ORDER** **18**-308c; **18**-310c.
— Savings Banks (U.S.) **20**-20a; **18**-316a; **22**-742d.
— Telegraph and Cable Corporation, The **12**-530b; **14**-585b fol.
— Union **18**-312c fol.; **12**-538b.
Post-and-lintel (arch.) **2**-274d; **14**-167d; ill. **2**-275.
— **AND POSTAL SERVICES** **18**-303c; **10**-577b; **8**-534a; **11**-557d; **21**-383c; censorship **5**-115b; **5**-116b; **5**-743c; fraud **6**-155a; savings **3**-73d; pre-cancelled stamps **16**-715d.
—-antennal organ (zool.) **2**-152c.
Postbauer, Ger. [**24**-39 G4].
Post-Bothnian granite (geol.) **18**-427d.
— brake **4**-24d.
Postbridge, Dev., Eng. [**24**-17 C4].
Postcentral sulcus (anat.) fig. 7 **4**-13.
Post-chaise **4**-929b; **5**-193a.
Postcombe, Eng. [**24**-15 B4].
Post Creek, N.Y. [**24**-102 D3].
Post-Dharwar eruptives (geol.) **18**-428b.
Postell, N.C. [**24**-112 A2].
Postelle, Ark. [**24**-120 D3].
Posten, O. [**24**-125 C4].
POSTER **18**-318d; advertising **1**-198b; **3**-564c; Pl. I. **1**-ADVERTISING; art **15**-639d.
POSTE RESTANTE **18**-320a.
Posterior cornua (anat.) **21**-218b.
— cranial fossa (anat.) **7**-824a.
— crico-arytenoid (anat.) **19**-224d.
— ligament of Winslow: *see* Semimembranosus Tendon.
— longitudinal bundle (anat.) **4**-11a; **21**-219b.
— spinal sclerosis: *see* Locomotor ataxia.
— thalamencephalon (anat.) **4**-15c fol.
— thoracic nerve **16**-236c.
— vesicular column (anat.) **21**-218c.
Postero-dorsal arm (zool.) **12**-556c.
—-lateral fissure (anat.) **21**-218b.
—-median fissure (anat.) **21**-218b.
Post Falls, Ida. [**24**-145 B2].
Post-ganglionic fibres (anat.) **21**-703b.
POSTGATE, JOHN PERCIVAL **18**-320b.
Post-glacial period: *see* Holocene.
Postgraduate School of Medicine (Lond., Eng.): *see* London Polyclinic.
Posthenen, Ger. **9**-841c fol.
Posthomerica (Quintus Smyrnaeus) **18**-856a.
Post-horn (instru.) **4**-346c.
POSTIL: *see* Apostil.
Postil-Book (Vidalin) **12**-54b.
Postilla (gloss): *see* Apostil (Postil).
Postillion (coachman) **7**-665d.
Postillon, isls., Mal. Arch. [**24**-72 E5].
POST-IMPRESSIONISM (art) **18**-320c; **17**-62b; **17**-64A c.
—-Kalevian granite (geol.) **18**-427d.
Postl, K. A. **10**-227c.
Post Lake, Wis. [**24**-132 D4].
Postma, D. **22**-423b.
Postmaster General: Great Britain **18**-304c fol.; United States **18**-316d.
Postmaster's stamps **17**-713d.
Post-mawr, Wales [**24**-16 B2].
Post-Mesozoic Era: *see* Cainozoic Era.
Post Mills, Vt. [**24**-97 B3].
Postminimus (anat.) **1**-836b; **20**-742b.
POST-MORTEM: *see* Autopsy.
— -mortem digestion **11**-919d.
— -mortem rigidity **15**-179c.
— -Nicene literature **9**-110d.
Postoak, Mo. [**24**-140 D3].
Post oak **16**-660c.
— obit bond **3**-842b.
— Office: *see* Post and Postal Services.
— Office Act (1657, Eng.) **18**-303d fol.
— Office Act (1711, Eng.) **18**-304c.
— Office Act (1836, Eng.) **23**-366d.
— Office Act (1837, Eng.) **4**-504c.
— Office Parcels Act (1882) **18**-307b.
— Office Parcels Act (1922) **18**-307c.
Post Office Savings Bank (Brit.) **18**-309b.
— Office Workers, Union of **22**-382a.
Postojina, Trieste, It.: *see* Postumia-Grotte.
Postoloprty, Czech. [**24**-39 J3].
Poston, Ariz. [**24**-149 D5].
—, S.C. [**24**-113 E3].
Post-palaeolithic period **7**-97a.
Postquam Dei munere (papal bull) **23**-11b.
Post-scutellum, (zool.) **12**-407d.
POSTULATE **18**-322c; **18**-54d; **12**-25a; math. **8**-802b; **16**-599c; **10**-174d.
Postumia, It. [**24**-34 E2].
POSTUMIA, VIA **18**-322d; **2**-94d.
—-**GROTTE**, Trieste, It. **18**-322d.
Postumus, C. Rabirius: *see* Rabirius.
—, M. C. L. **19**-505c.
Posture perception **16**-897a.
Postville, Ia. [**24**-138 F1].
Post-Wagnerian harmony **11**-210d.
— windmill **23**-647b.
Posušje, Yugos. [**24**-52 C3].
Poswell, S.Dak. [**24**-137 C2].
Posy ring **19**-313a.
Pot, Philippe Pl. XI. fig. 3 **20**-SCULPTURE.
Pot (measure) **15**-141b.
Potagannissing, bay, Mich. [**24**-130 H3].
Potagos, P. (Gr. expl.) **22**-659d.
Potala (palace, Tibet) **13**-990c; **13**-606a; ill. **22**-177; Pl. fig. 1 **13**-LHASA.
Potamia, Artemis (myth.): *see* Artemis.
Potamilla antartica (zool.) **1**-993c.
— torelli (zool.) fig. 7C **1**-991a.
Potamochloa (bot.) **10**-653b.
Potamochoeros: *see* River hog.
Potamochoerus choeropotamus **19**-325d.
Potamogale velox: *see* Otter shrew.
Potamogalidae (zool.) **12**-404b.
Potamogetonaceae (bot.) **18**-206c.
Potamogeton natans: *see* Pondweed.
Potamon edule (zool.): *see* River crab.
Potamorhaphis (zool.) **9**-817d.
Potamos, Gr. [**24**-55 E3]; map **2**-659.
Potash, La. [**24**-121 E4].
— prussiate of: *see* Potassium ferricyanide.
— alum **11**-961b.
— bulbs **5**-346d.
POTASHES **18**-323a; Dead Sea **17**-135a; Edison accumulator **1**-114a; fertilizers **9**-195a; glass **10**-414a; salicylic acid **19**-880c; Stassfurt **21**-337b.
— felspar: *see* Sanidine.
— lye: *see* Caustic potash.
— -mica: *see* Muscovite.
— salts **9**-196b.
— syenites **21**-698b.
Potassamide **18**-325c.
Potassa sulphurata: *see* Liver of sulphur.
Potassi acetas, bromas, etc.: *see* Potassium acetate, bromide, etc.
POTASSIUM **18**-323a; **2**-650d; **15**-324c; **8**-348b; **11**-315c; **18**-323d; **5**-361c; alcohol reaction **18**-323d; compounds **18**-324a; *see also under* specific names of compounds; Davy **7**-88d; Dead Sea **7**-99d; medicine **18**-325d fol.; periodic law **17**-517d; resistivity **8**-228d; salts **9**-195a; **17**-913b.
— acetate **1**-125a; **18**-325d fol.
— ammon-trisulphonate **1**-820a.
— antimonyl tartrate: *see* Tartar emetic.
— argento-cyanide **18**-659a.
— bicarbonate **18**-325a.
— bichromate **18**-325d.
— bromide **18**-324c fol.; **4**-233d; **1**-819c.
— carbonate **21**-823d; **4**-839b; **18**-120a.
— carbon monoxide **5**-375a.
— carbonyl **4**-839d.
— chlorate **5**-604d; **18**-325d.
Potassium chloride **18**-324c; salt **19**-897a fol.
— columbium oxyfluoride **21**-796a.
— cyanate **6**-914b.
— cyanide **18**-658a fol.; **6**-916b.
— ethyl carbonate **4**-839a.
— ferrate **12**-646d.
— ferric oxalate **16**-984d.
— ferricyanide **18**-659b.
— ferrocyanide **18**-659a.
— fluoride **18**-324c.
— formate **18**-658c; **1**-125a.
— glass **10**-398d.
— hydrate: *see* Caustic potash.
—, hydroxide **18**-324a; **20**-963c.
— iodide **18**-324d fol.; **1**-140a.
— monoxide **18**-324a.
— nitrate: *see* Saltpetre.
— percarbonate **4**-839b.
— perchlorate **5**-606d; **8**-988a.
— permanganate **14**-798c; **16**-811a; **18**-325d; **23**-426b; *see also* Condy's fluid.
— peroxide **18**-324b.
— persulphate **21**-542d.
— propionate **1**-125a.
— ruthenate **19**-772c.
— sodium tartrate: *see* Rochelle salt.
— sulphate **18**-325c fol.
— sulphide **18**-325b.
— sulphocyanide **18**-658c.
— tantalifluoride **21**-796a fol.
— (sodium) tartrate **18**-325d; **21**-823d.
— thiocyanate: *see* Potassium sulphocyanide.
— valerate **1**-855d.
— xanthate **23**-833b.
POTATO (plant) **18**-326b; **11**-233d; **17**-628b; cookery **6**-369c; **23**-27c; U.S. **23**-26d; **1**-400d; dietetics **7**-357b; **9**-405b; diseases **18**-35d; Pl. fig. 4 **17**-PARASITIC DISEASES.
—: **CULTIVATION, PRODUCTION and Trade** **18**-328d; England **10**-727c fol.; **18**-474b; Ireland **8**-607a; **12**-595d; **12**-612c; harvesting **1**-372d.
—, sweet: *see* Sweet Potato.
— beetle, Colorado: *see* Colorado Potato Beetle.
— blight **18**-327b.
—-farina arrowroot **2**-434c.
—-**LIFTER**: *see* Harvesting Machinery.
— oats **16**-665a.
— **RACE** (game) **18**-334a.
— **SPIRIT** **18**-334a; **1**-543b.
— **WAR** (1778-1779) **18**-334c; **3**-230b; **10**-276c; **9**-718a.
Pot-au-feu (soup): *see* Brown stock.
— barley **3**-116d.
—-boiler **20**-766a.
— cassé **3**-857c.
— cheese **5**-334a.
POTCHEFSTROOM, Trans. [**24**-81 D3]; **18**-334c; **18**-462b; **22**-420d; siege (1881) **6**-747a.
Potcherye, U.S.S.R. [**24**-48 J2].
Pot-dance **7**-21d.
Pot de fer (cannon) **16**-856d.
Poteau, Okla. [**24**-143 J3].
Potebna, A. A. **19**-758b.
Potecasi, N.C. [**24**-112 H1].
POTEEN **18**-334d.
Poteet, Tex. [**24**-123 E5].
POTEMKIN, GRIGORY ALexsandrovich, prince **18**-334d; **19**-718b; **5**-38c.
"Potemkin" (ship) **16**-703d.
Potent (her.): *see* Fitchy.
"Potentate" (hound) **11**-925b.
Potentia, It.: *see* Potenza.
Potential (elec.) **8**-260c; **5**-75c; induction coils **12**-274a; measuring instruments **12**-445c.
— difference (elec.) **8**-201b fol.; **8**-250a fol; **11**-981d fol.
— energy **8**-437d; **21**-594b; **22**-84b.
—-gradient **8**-218a fol.; conductivity **6**-224b; **15**-346d fol.
— market (econ.) **14**-914d.
— temperature **15**-345a.
POTENTILLA (bot.) **18**-335b; **19**-549d.
— anserina: *see* Wild agrimony.
— Tormentilla: *see* Tormentil.
POTENTIOMETER **18**-335b; **12**-445c fol.; **22**-122a fol.; calibration **4**-587b; prospecting **18**-595c.
Potentius (papal legate) **13**-876b.

POTENZA, It. [24-35 E4]; 18-335c; 12-761d.
—, riv., It. 12-756a.
Poter (of Auvergne) 18-639c.
Poterat, Edme 18-347d.
Poterium (bot.) 19-550a fol.
— officinale: *see* Burnet.
Potes, Sp. [24-32 D1].
Poteshny, Dvoretz (bldg., Moscow) 15-839b.
Potestas (hist.) 19-475c.
Pot-eyes (porcelain rings) 3-713a.
Pot fusion 2-555b.
Potgieter, A. H. 16-830c; 16-130a; 22-422a.
—, **EVERHARDES J.** 18-335c; 7-775a.
Potgietersrust, Trans. [24-81 D2]; 22-421a.
Potgul Vihāra (temple) 12-224d.
Poth, Tex. [24-123 E5].
Potheen (chem.): *see* Poteen.
Pot herbs 9-362c.
POTHIER, ROBERT JOSEPH 18-335d; 19-872d.
Pot-hole 5-74a; *see also* Swallow-hole.
Potholes, Calif. [24-155 F6].
POTHOOK 18-335d.
Pothos (myth.) 8-695a.
Pothouse brawl (Eng.) 16-991a.
POTI, Georgia, U.S.S.R. [24-59 J1]; 18-336a.
—, riv., Braz. [24-163 D4].
Potidaea, Gr. 17-452b; 17-510a.
POTIOREK, OSKAR 18-336a; 20-352b; 3-929a fol.
Potken, John 8-780a.
Potlatch, Ida [24-145 B3].
—, Wash. [24-150 B3].
POTLATCH (feast) 18-336a.
Pot-marigold 14-888d.
— marjoram (bot.) 14-909a.
— **METAL** 18-336b; 21-292b.
Potocki, Ignacy 18-144c fol.
—, **STANISLAW F.** 18-336b; 18-144d.
—, Wacław 18-163a.
Potockis (fam.) 18-143b.
Potomac, Ill. [24-128 E3].
—, Md. [24-108 B1].
POTOMAC, riv., U.S. [24-109 C2; 24-110 H2; 24-187 H5]; 18-336c; 22-714d; Antietam map 2-63; Bull Run 4-375a; fisheries 9-209c.
—, park, Washington, D.C. [24-108].
—, Army of the 10-640a; Wilderness 23-596c fol.; Bull Run 4-375b; Gettysburg 10-318b fol.; Richmond 1-766b; Seven days' battle 20-382b.
— series (geol.) 6-674a.
Potoniea (palaeobot.) 17-78c.
POTOROO (rat kangaroo) 18-336d; 13-255b.
Potos (zool.): *see* Kinkajou.
POTOSI, dept., Bol. [24-165 C1]; 18-336d; 3-815d.
POTOSI, Bol., S.A. [24-162 D8]; 18-337a; 3-815d; silver 20-685c; 21-70a.
—, Mo. [24-141 G4].
—, mt., Bol. [24-162 D8].
Potosinae (zool.) 4-899c.
POTOTAN, Panay, P.I. 18-337c.
Potowomut, riv., R.I. [24-100 C3].
Potra, mt., Arg. [24-165 C2].
Potrerillo, mt., Cu. 6-833b.
Potrerillos, Chil. 5-491d.
Potrovsk, U.S.S.R. [24-49 G4].
Potschappel, Ger. [24-39 J2].
Potscherad, Czech. [24-39 J3].
POTSDAM, Ger. [24-39 H1]; 18-337c; 16-674c; Pl. I. fig. 3 2-ARCHITECTURE.
POTSDAM, N.Y. [24-103 F1]; 18-337d.
Potsdamian system (geol.) 4-647d.
Potsheen (chem.): *see* Poteen.
Potsherd (archae.) 12-393b.
Pot still 21-244a; 23-569d.
Potstone (min.): *see* Steatite.
Pott, J. H. 3-70a.
— **PERCIVALL** 18-337d.
Potta, Mal. Arch. [24-72 F5].
Pottawattamie, co., Ia. [24-138 B3].
—, co., Kan. [24-142 F2].
—, co., Okla. [24-143 G3].
— (tribe) 3-178a; 4-265b.
Pottebakker tulip 22-539b.
Pottenstein, Ger. [24-39 G4].
POTTEE, ALONZO 18-337d.
—, Beatrice 23-467b.
POTTER, HENRY C. 18-338a.
—, Horatio 18-338a.
—, Humphrey 21-353a.
—, **PAUL** 18-338b; 8-746c; 13-670d.
—, W. N. 5-432d fol.
—, co., Pa. [24-106 D2].
—, co., S.Dak. [24-137 D2].
—, co., Tex. [24-122 D2].
—, Ark. [24-120 A3].
—, Kan. [24-142 G2].
—, Neb. [24-139 A3].
—, N.Y. [24-102 C3].
—, Wis. [24-133 E5].
—, mt., Mass. [24-98 A1].
— Brook, Pa. [24-107 D2].
— -Bucky diaphragm 17-807a; 18-905a.
— Heigham, Norf., Eng. [24-14 E3].
— Hill, R.I. [24-100 A4].
— Hollow, N.Y. [24-103 F3].
POTTERIES, THE, dist., Staffs., Eng. 18-338c; 8-456a.
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Prahecq, Fr. [**24**-26 C1].
Prahg, Czech.: *see* Prague.
Prah 'ha, Czech.: *see* Prague.
Prah Khan, Cambodia **4**-640b.
Prah Ko (shrine) **4**-640a.
Prahova, riv., Rum. **20**-704d.
Prah Vihear (temple) **4**-640d; **12**-226c.
Prai, Mal. Penin. **21**-450a.
Praia da Vitoria, Azores **21**-946b.
Prain, Sir D. **3**-944a.
Prairial (calendar) **9**-803b.
Prairial, law of (1794) **9**-641a.
Prairie, Ariz. [**24**-149 C3].
Prairie, co., Ark. [**24**-120 D3].
—, co., Mont. [**24**-144 F2].
—, Ida. [**24**-145 C6].
—, Wash. [**24**-150 C2].
PRAIRIE (open country) **18**-415c.
Prairie (Cooper) **6**-380d.
Prairieburg, Ia. [**24**-138 F2].
PRAIRIE CHICKEN (Prairie Hen) **18**-415c; **10**-918d; Pl. II. fig. 10 **3**-BIRDS; Pl. III. fig. 11 **22**-UNITED STATES.
— City, Ia. [**24**-138 D3].
— City, Ill. [**24**-128 B3].
— City, Oreg. [**24**-151 G3].
— clover **13**-882d.
— crab-apple **6**-627c.
— Creek, Ind. [**24**-127 A3].
— Dog, cr., Kan. [**24**-142 B2].
— **DOG** **18**-415c fol.; **14**-927c; Pl. III. fig. 10 **22**-UNITED STATES.
— **DU CHIEN**, Wis. [**24**-133 B6]; **18**-415d.
— du Rocher, Ill. [**24**-129 B5].
— du Sac, Wis. [**24**-133 D6].
— falcon **9**-43d.
— Farm, Wis. [**24**-132 B4].
— fringed orchis **11**-55c.
— Grove, Ark. (battle, 1862) **1**-761b.
— **HEN**: *see* Prairie Chicken.
— Home, Ill. [**24**-129 D4].
— Junction, N.Dak. [**24**-136 C1].
— larkspur **13**-726c; **7**-175b.
— Point, Miss. [**24**-119 D2].
— rattler (snake) **18**-996d.
— rose **19**-554a.
— state (U.S.): *see* Illinois.
Prairieton, Ind. [**24**-127 A3].
Prairietown, Ill. [**24**-129 C5].
Prairie View, Kan. [**24**-142 C2].
— View, Tex. [**24**-123 G4]; Negro college **21**-994c.
Prairieville, La. [**24**-121 D3].
—, Wis.: *see* Waukesha.
Prairie wild onion **1**-659b.
Prairie willow **23**-628c.
Prairie-wolf: *see* Coyote.
Prairie yellow violet **23**-174d.
Praise-God Barebones: *see* Barbon, Praise-God.
Praja, Mal. Arch. **41**-345b.
Prajadhipok of Sukhodaya (Siam) **20**-595d.
Prajāpati (Hindu myth.) **22**-996d; religion **3**-1014a.
Prajñāpāramitā **1**-44d.
Prajnia Bhatta **13**-290b.
Prakaraṇa **7**-578c fol.
Prakrama Bahu (Sen.) **5**-181b.
PRAKRIT LANGUAGES **18**-415d; **12**-239c; **13**-244d; **14**-856c; origin **12**-257d; literature **18**-417c.
Prakriti (myth.) **11**-578d.
Prakṛti (philos.) **12**-251b fol.
Prall, O. [**24**-125 B4].
Pralls, isl., N.Y. [**24**-104 A5].
PRAM (boat) **18**-418a.
Pramāra: *see* Panwār.
Prambanam, Java **12**-227b.
Prampram, Go. Cst. [**24**-80 E4].
Prāṇāyāma **12**-251d.
Pranger: *see* Pillory.
Prang tong (myth.) **20**-597a.
Pranhita, riv., India **11**-958c.
PRANTL, KARL VON **18**-418a.
Prapatom, Siam [**24**-71 B3].
Prasād, Rājā Siva **11**-577a.
Prasak South Canal System (Siam) **20**-593a.
Prase (min.) **12**-865a.
Prasenajit (Kosala) **22**-181d.
PRASEODYMIUM **18**-418a; **2**-650d; **18**-986a; **5**-361b.
Prasiae, anc. Attica map **2**-659; *see also* Porto Raphti, Gr.
Prasiola (plant) **1**-504c.
Praskovia Saltuikova (Rus. tsarita) **1**-933b; **12**-832b.
Praslin, isl., Ind.O. **20**-420d.
Prasolov, L.I. **19**-688d.
Prasonisi, cape, Rhodes I., Aeg. S. [**24**-55 E5].
Pra Srei, ruins, Cambodia **4**-639d.
Prassone kite balloon **2**-1011c.
Prasu, Go. Cst. [**24**-80 D4].
Prasutagus (Brit. prince) **3**-759d.
Prasutagus (Iceni chief) **16**-490a.
Prat, Fr. [**24**-26 E4].
Prata, Braz. [**24**-160 E4].
Pratensis, Jodocus: *see* Des Près, Josquin.
Prater, Va. [**24**-110 B3].
Pratese, Piero di Lorenzo di **17**-637d.
Prather, Ind. [**24**-127 C4].
Prati, Eugenio **17**-64D c.
PRATI, GIOVANNI **18**-418a.
Pratihāra (Indian dynasty): *see* Parihār.
Pratiloma **4**-977b.
PRATINAS **18**-418a; **7**-584a.
PRATINCOLE **18**-418b.
Prātiśakhya **19**-058a.
Prato, A.: *see* Des Près, Josquin.
Prato, It. [**24**-34 C3].
— (cath.) **14**-171b; **7**-171b.
PRATO IN TOSCANA, It. **18**-418b.
Prato Magno, mt., It. **12**-755d.
Prats-de-Mollo, Fr. [**24**-26 F5].
Pratt, Charles, earl Camden: *see* Camden.
—, E. J. **4**-716b.
—, Hodgson **23**-744c.
Pratt, J. H. **7**-837b; **10**-130b.
—, John (arch.) **14**-352d.
—, John (inv.) **22**-645a.
—, John Jeffreys, earl Camden: *see* Camden.
—, Orson **19**-902a.
—, Parley P. **22**-912d.
—, co., Kan. [**24**-142 D4].
—, Ark. [**24**-120 E1].
PRATT, Kan. [**24**-142 D4]; **18**-418c.
—, La. [**24**-121 B1].
—, Minn. [**24**-135 E7].
—, N.H. [**24**-97 C4].
—, W.Va. [**24**-111 B3].
Prättigau, val., Switz. [**24**-31 H3].
Pratt Institute (Brooklyn) **20**-101b; **2**-488c; **4**-257a; **21**-866c.
Pratt Library (Balto.) **3**-4c.
Prattsburg, N.Y. [**24**-102 C3].
Pratts Hollow, N.Y. [**24**-103 E3].
— Junction, Mass. [**24**-98 C1].
Prattsville, N.Y. [**24**-103 F3].
Pratt truss **4**-133c; **21**-479a.
Prattville, Ala. [**24**-118 C3].
—, Mich. [**24**-131 G8].
Pratyāhāra **12**-251d.
Pratyaksa **12**-250b.
Pratzen, plat., Aus. **2**-699b. map **2**-699.
Prau: *see* Proa.
Prauthoy, Fr. [**24**-25 L4].
Pravda (news.) **13**-912d.
Pravia, Sp. [**24**-32 C1].
Prawle, pt., Dev., Eng. [**24**-17 C4].
PRAWN **18**-418c; **20**-586c.
Prawsmosi, A. **3**-585c.
Praxeas (of Asia) **19**-790a; **15**-686c.
Praxedis: *see* Adelaide.
Praxias (anc. sculp.) **7**-174d.
PRAXITELES. **18**-418c; **20**-136a; "Aphrodite at the Bath" il. **2**-98; "Apollo Sauroctonus" il. **2**-111a; "Hermes" **11**-505a; fig. 23 **10**-814; works **10**-814b; Pl. VI. figs. 3, 5 **10**-GREEK ART.
Pray, Mont. [**24**-144 C3].
—, Wis. [**24**-133 C5].
Prayag, India: *see* Allahabad.
Prāyaschitta **19**-966d.
PRAYER **18**-419a; bidding **3**-547d; Gr. **12**-397b; Hippolytus **11**-587a; Judaism **13**-166a; origins **19**-108b; Scottish opposition **20**-165c; silent **18**-420b; Stoic **21**-431a; types **19**-324d; vow **23**-260c.
PRAYER, BOOK OF COMmon (rel.) **18**-420d; **19**-419c; **16**-485c; absolution **1**-65b; Am. version **14**-228a; authorized (1548-49) **8**-516a; **8**-469a; (1927-28) **8**-552b; eucharist **8**-799d; Irish **14**-228a; Quiñones revision **4**-99a; revision (1661) **6**-233b; (1906-28) **8**-477c; (1927) **7**-81d; Scot. (1637) **20**-165c; vestments **23**-111c; Book of Common Order **6**-124a.
— of Joseph: *see* Joseph, Prayer of.
Prayer of Twenty Millions, The (Greeley) **10**-851a.
Prayer-rugs **19**-625b.
PRAYERS FOR THE DEAD **18**-423c.
Praying mantis **14**-829b; **6**-73c.
— **WHEEL** **18**-424b.
Prè, state, Siam **5**-464b.
PREACHING (rel.) **18**-424b.
— Friars: *see* Mendicant Friars *and* Jacobins.
— of Peter (bibl. apocrypha): *see* Peter.
Preachings (*Kerygmata*) *of Peter* (rel.) **5**-708c.
PREADAMITES (races before Adam) **18**-425b.
Preakness, N.J. [**24**-104 A1].
Prealps, Eur. (geol.) **1**-693b.
PREAMBLE (law) **18**-425b.
PREANGER, dist., Java **18**-425c.
Pre-animistic religion **1**-973d.
Pre-aortic glands (anat.) fig. 2 **14**-523.
— vessel (anat.) fig. 2 **14**-523.
Preauricular glands (anat.) **14**-523c.
Prebendary (cler.) **5**-35a.
Preble, co., O. [**24**-125 A4].
—, Ind. [**24**-126 C2].
—, Nev. [**24**-153 C1].
—, N.Y. [**24**-103 D3].
Prebühel, pass, Aus. [**24**-50 D3].
PRE-CAMBRIAN (geol.) **18**-425d.
Pre-cancel (philately) **17**-715a.
Precarium (eccl. benefice) **5**-293c; **9**-204c; **9**-704d.
Precaval vein (anat.) **23**-31c.
PRECEDENCE (rank) **18**-429a.
Precedent (law) **6**-123a; **8**-676a.
Precentor (cler.) **5**-33d.
— (mus.): *see* Cantor.
Preceptorial method (educ.) **18**-497a.
Precepts of Cormac MacAirt to his son Cairpre (Ir. document): see *Tecosca Cormaic.*
Precession (mech.) **11**-45a.
Precessional constant **7**-833b.
PRECESSION OF THE Equinoxes (astron.) **18**-431a.
Prechordal cartilage (anat.): *see* Trabeculae cranii.
Precht (phys.) work in discharge from a point (elec.) **8**-266d fol.
Précieuses Ridicules, Les (play, Molière) **15**-668d fol.
Precinct, Mass. [**24**-99 D2].
Precious beryl (min.) **3**-468a.
— cat's-eye (min.): *see* Chrysoberyl cat's-eye.
— coral: *see* Red coral.
— metals **19**-402d.
Precipice, The (nov., Goncharov): see *Obryv.*
Precipitate (chem.) **5**-401a.
Precipitated ores (geol.) **16**-878d.
— chalk **4**-548b.
PRECIPITATION (chem.) **18**-431c.
— (meteorol.) **1**-407a; **18**-15d.
— analysis (chem.) **5**-403b.
Precipitin test (biol.) **8**-927a; for blood **15**-179b.
Precision (sci.): *see* Calibration.
— **GAUGES AND COMPARAtors** (engin.) **18**-431c.
Preck Kring, riv., Fr. I.C. [**24**-71 C3].
Precognition (psych.) **18**-671a.
Precoracoid (anat.) **20**-741a.

Precuneus (anat.) fig. 8 **4**-13.
Précy, Fr. [**24**-25 K4].
Preda, Switz. [**24**-31 H3].
Predators (biol.) **12**-420b.
Predeal, pass, Carpathians **19**-636b; routes **4**-907c.
PREDESTINATION (theol.) **18**-432d; Arminian **7**-545b; Calvin **4**-633d; Erigena **8**-687d; Jonathan Edwards **1**-785d; St. Augustine **2**-685c; Synod of Dort **10**-586b; *see also* Determinism.
Predetermined costs: *see* Standard costs system.
PREDICABLES (logic) **18**-433c.
Predicate (logic): *see* Category *and* universal.
Predigstuhl, Ger. [**24**-39 H4].
Predil, pass, It. [**24**-34 D1].
Předmost, Moravia: Palaeolithic remains **7**-96d; **8**-840c.
Pre-dreadnought **23**-777a fol.
Predynastic Egyptians **1**-301a.
PREECE, SIR WILLIAM H. **18**-433d.
Pre-emption (law) Islamic **12**-238a fol.; squatters **13**-681c.
Preen-gland (bird) **3**-625c.
Pré-en Pail, Fr. [**24**-24 E3].
Prees, Eng. [**24**-16 D2].
PRE-ESTABLISHED HARMONY (philos.) **18**-433d.
PRE-EXISTENCE, DOCTRINE OF **18**-434a.
PREFECT (offl.) **18**-434a; Rom. **19**-484a; **19**-510d.
Prefecture (anc. Rom. town) **18**-411b.
Prefecture (Jap. admin. div.) **12**-916b fol.
PREFERENCE, IMPERIAL: *see* Imperial Preference.
— **SHARES** (fin.) **18**-434c; Company Law **6**-143b; dividend **7**-450b; industrial stocks **12**-566a fol.; *see also* Preferred stock.
Preferential duty (tax) **12**-124b.
— vote (pol. sci.) **18**-590c; **18**-484b.
Preference (bankruptcy) **3**-60d; **3**-65a.
PREFERRED STOCK (fin.) **18**-434c; *see also* Preference Share.
Préfet (Fr. offl.): *see* Prefect.
Prefix (chem.) **5**-372c.
Prefix (gram.) **10**-613c; Austroasiatic **2**-781c; Bantu **1**-333c.
Prefoliation (bot.): *see* Vernation.
Preformation (embryol.) **8**-979d.
— (philos.) **8**-984d.
Prefrontal region (anat.) **4**-13d; fig. 16 **4**-19.
Pregel, riv., Ger. [**24**-40 E1]; **13**-481b.
Pregl, Fritz **15**-427b; **5**-400a.
Pregnall, S.C. [**24**-113 D3].
Pregnancy (physiol.) **19**-174a; amenorrhoea **1**-746a; antenatal clinics **2**-23d; diagnosis **2**-697d; embryo **8**-387c fol.; fallopian tubes **11**-38d; hormones **3**-604d; mammary gland **14**-755a; neuropathology **16**-258c; obstetrics **16**-676b; prenuptial **14**-941b; termination **1**-57a; *see also* Embryo; Embryology.
Pregnani, Abbé **12**-682d.
Prehallux (anat.) **20**-743b.
Pre-hamitic (Af. lang.): *see* Fulfulde.
Preheated air **3**-796d.
Prehistoric animals **12**-834c.
— dwellings **11**-810b.
— man **2**-54b.
— monuments **4**-889b.
PREHNITE (min.) **18**-434d.
Preignac, Fr. [**24**-26 C3]; **20**-14a.
Pre-ignition (mech.) **7**-349a.
Préi Kuk, Cambodia **12**-226a; Pl. VI. fig. 9 **12**-INDIAN ARCHITECTURE.
Preissia (bot.) **4**-303c.
Prei-veng, Fr.I.C. [**24**-71 C3].
PREJUDICE (law) **18**-435a.
Prejvalsky's horse: *see* Wild horse.
Prek-te, riv., Fr.I.C. [**24**-71 C3].
PREL, KARL, Freiherr von **18**-435a.
PRELATE (eccl.) **18**-435b.
Prelates Auditors, Coll. of (Rome) **23**-7c.
Preli, Latvia [**24**-47 D2].
Preliminary arrest (law) **2**-431c.
Preliminary Contest, The (Aristophanes) **2**-349b.
Preliminary vacuum pump **22**-928d.
PRELLER, LUDWIG **18**-435c.
Přelouč, Czech. [**24**-50 D1].
Prelta maxima (fish): *see* Turbot.
Preludes of Homer (Gr. Poetry) **10**-834a.
Prelum Ascensianum: *see* Badius, Jodocus.
Premature birth (med.) **15**-592c.
Premaxilla bone (anat.) **20**-744d fol.
Premedi, Alban. [**24**-54 B2].
Pre-mentum (zool.) **12**-407c.
Prémery, Fr. [**24**-25 J4].
Premier, B.C., Can. [**24**-92 C3].
—, downs, W.Austr. [**24**-168 D5].
—, mine, S.Af. **22**-421a; **7**-318c.
— (strawberries) **9**-885c.
Premises (philos.): *see* Evidence.
Premium (insurance) **1**-96a; **14**-53b.
Premium-bonus system (econ.) **17**-407d; **23**-276c.
Premo (camera) **17**-820d.
Premolar teeth (anat.) **21**-873b fol.
PREMONITION (psychol.) **18**-435d.
PREMONSTRATENSIANS (rel. order) **18**-435d; **1**-18d.
Premont, Tex. [**24**-123 E6].
Premontré, Fr. **14**-92a.
Prempeh (Kwaka Dua III.) (of Ashanti) **2**-505c; **2**-506b.
PREMYSL (Bohem.) **18**-436a.
Premysl Ottakar I. (Bohem.): *see* Ottakar I.
— Ottokar II. (Bohem.): *see* Ottokar II.
Prenadillas (cat-fish) **5**-30c.
Prenatal clinics: *see* Antenatal.
— influence (biol.) **22**-988b.
Prendergast, Sir Harry **4**-431d fol.
—, Maurice **23**-411d.
Prénelay, mt., Fr. **16**-435c.
Preneloupe (Swiss fur-trader) **6**-47b.
Pren-gwyn, Wales [**24**-16 B2].
Prensa, La (Arg. newspaper) **2**-319d; **16**-360a.
Prentice, Ill. [**24**-128 B4].
—, Neb. [**24**-139 C2].
—, Wis. [**24**-132 C4].
Prentiss, co., Miss. [**24**-119 D1].
—, Me. [**24**-96 D3].
—, Miss. [**24**-119 C4].
—, O. [**24**-124 A2].
Prenuptial intercourse **14**-940c.
PRENZLAU (PRENTZLOW), Ger. [**24**-40 A2]; **18**-436a.
PRENZLOW, Ger.: *see* Prenzlau.
prep. (abbrev.) **1**-26a.
Prepaid expenses (fin.): *see* Deferred assets.
Preparation (histology) **11**-590d.
Preparatory Disarmament Commission **17**-415c.
— **SCHOOLS** (educ.) **18**-436b.
— Schools, Association **8**-4b.
Preparing (worsted mfr.) **23**-794c.
— box (worsted mfr.) **23**-794c.
Preparis, isl., Bur. [**24**-66 C4].
—, north, chan., Bur. [**24**-66 C3].
—, south, Chan., Bur. [**24**-66 C4].
Prepayment **12**-444c.
— gas meter **10**-52c.
Pre-penna (feather) **9**-129c.
Pre-plumula (feather) **9**-129c.
Prepollex (bone) **20**-742b.
Preposition (gram.) **10**-614a; romance lang. **19**-430d.
Prepotent reflex (physiol.) **21**-226d.
Pre-pupa (zool.) **12**-416b.
Preputial calculi (med.) **4**-554d.
Prepyloric sphyncter (anat.): *see* Transverse band.
Preradović, P. (Serb. poet) **20**-357c.
Pre-Raphaelites **17**-58a; (art.) **8**-595d; arts and crafts **2**-485c; Brown **4**-263d; furniture **12**-482c; Hunt **11**-918d; Millais **15**-494b; Walker gallery **15**-998b.
Pre-Raphaelites (Ger. paint.): *see* Nazarites.
Prerau: *see* Přerov.
Prerogativa Regis, De (statute) **12**-391b.
PREROGATIVE (law) **18**-436b.
— **COURTS** (law) **18**-439b.
— writ (law) **23**-810a.
Prerosaurs (zool.) **6**-676b.
Prerosion face (chem.) **6**-823a.
Přerov, Czech. [**24**-51 E2].
Pre Rup (shrine, Cambodia) **4**-640a.
Pres. (abbrev.) **1**-26a.
Presas, riv., Mex. [**24**-158 E2].
Presb. (abbrev.) **1**-26a.
Presbitero (It. adm.) Rhodes **7**-493a.
Presbyophrenia (med.) **12**-388a.
Presbyopia (optics) **23**-214d.
PRESBYTER (eccl.) **18**-439b.
Presbyterian system (rel.) **15**-556c.
— church elders **8**-130c; New York **16**-387c; pension **17**-493b; reunion **19**-237b.
— Church, United (Scot.): *see* United Presbyterian.
— Church of England **18**-444d; **23**-126d.
Presbyterian-Columbia Medical centre (N.Y.C.) **16**-383d.
Presbyterian hospital (N.Y. city) **11**-794a; **15**-119c.
PRESBYTERIANISM (rel.) **18**-440b; and Congregationalism **6**-249a fol.; and Methodists **4**-635a; catechisms **5**-26b; creeds **6**-662b; Eng. and Wales **8**-466a; fundamentalism vs. modernism **9**-921d; Great Rebellion **6**-740d; Ire.: Test Act **12**-610a; Japan **12**-928d; liturgy **14**-228b; Scotland **6**-615b; 20th cent. **20**-176b.
Presbyterians, Reformed (rel. sect): *see* Cameronians.
Presbyterian Theol. Sem. (Ky.) **14**-434c.
Presbyterium (rel.) **4**-854a.
Presbyter John (legendary k.): *see* Prester.
PRESBYTERY (arch.) **18**-449a.
— (rel.) **5**-671c; **20**-173a.
— of N.Y. **9**-921d.
Prescadero, Calif. [**24**-154 B4].
Prescelly, Mynydd, mt., Wales [**24**-16 B3].
PRESCOT, Lancs., Eng. [**24**-13 B4]; **18**-449b.
Prescott, William **3**-937c; **4**-383d.
—, **WILLIAM H.** **18**-449b.
—, co., Ont., Can. [**24**-90 E2].
PRESCOTT, Ariz. [**24**-149 C4]; **18**-450a.
—, Ark. [**24**-120 B4].
—, Kan. [**24**-142 H3].
—, Mass. [**24**-98 B1].
—, Mich. [**24**-131 G5].
—, Ont., Can. [**24**-90 E2].
—, Wash. [**24**-150 G4].
—, Wis. [**24**-133 A5].
— National Forest, Ariz. **18**-450a.
Prescottville, Pa. [**24**-106 C2].
PRESCRIPTION (law) **18**-450a.
— Act (Eng.) **18**-450b; ancient lights **1**-891a; easement **7**-854a.
Prescriptive grammar (lang.): *see* Normative.
Prescutum (zool.) **12**-407d.
Preseley Top, mt., Wales [**24**-11 B5].
Preseli, hills, Pembrokeshire, Wales **17**-458b.
Presemimembranosus (muscle) **15**-990c.
Presence and absence theory (biol.) **11**-490b.
Presentation (pol.) **19**-167d.
— (psych.) **18**-677c.
Presentations (philos.): *see* Elementary ideas.
Presentative dream (psych.) **7**-638d.
Presentment (law) **12**-254b.
Přešern, F. **20**-357d.
Preservation, inlet, N.Z. [**24**-173 A7].
— (of dead) **7**-98b; *see also* Mummification.
—, Food: *see* Food preservation.
Preservatives **1**-189a; U.S. **1**-192c.
Preserved limes: *see* Limalade.
Preserves (fruit) **12**-888c.
PRESERVING AND BOTTLING (foods) **18**-451b; *see also* Canning.
— melon (fruit) **23**-424c.
Presho, N.Y. [**24**-102 C3].
—, S.Dak. [**24**-137 D3].
Presidencia (govt.) **7**-943c.
PRESIDENCY (Indian govt.) **18**-452b.
—, div., India **3**-406c.
PRESIDENT (title) **18**-452c; Fr. **9**-775d; cabinet **4**-501a; Senate **20**-322c; Pl. VII., VIII. **22**-UNITED STATES
—, Pa. [**24**-106 B2].
Presidential, mts., N.H. [**24**-97 C2]; **16**-301b.
— Succession Act (1886, U.S.) **11**-610b.
President Wilson, basin, Marseilles **7**-473d.
Presidio, co., Tex. [**24**-122 B5].
—, Tex. [**24**-122 B5].
— (park, San Francisco) **19**-943d.
PRESLAV, Bulg. **18**-452d.
Presles, Raoul de **5**-275d.
Presmennan, Lord, Robert Hamilton: *see* Hamilton.
Pre-solidification (met.) **15**-319b.
PRESOV (Eperjes), Czech. [**24**-51 G2]; **18**-452d; **6**-952d.
Prespa, lake, Yugos. [**24**-52 E4]; **14**-560d.
Presphenoid bone (anat.) **20**-761a; skull fig. 34 **20**-745; figs. 5, 6 **20**-760.
Presque Isle, co., Mich. [**24**-130 G4].
— Isle, Me. [**24**-96 D2].
— Isle, Mich. [**24**-130 H4]; **14**-939a.
— Isle, penin., Pa. **8**-685c fol.
PRESS (articles on) **18**-453a.
Press (golf) **10**-504c.
— (naval): *see* Impressment.
—, The, news and radio **4**-210b; censorship **5**-114b.
— Act, 1662 (Eng.) **5**-272c.
— and blow machine fig. 5 **3**-954d; fig. 6 **3**-955a.
— **ASSOCIATION, THE** (news agency) **18**-453a.
PRESSBURG, Czech.: *see* Bratislava.
—, Diet of (1687) **11**-60a.
—, peace of (1491) **11**-906b.
—, peace of (1626) **3**-482b.
—, treaty of (1805) **10**-278d; **23**-818a; **15**-116d; Bav. **3**-234b; Fr. empire **9**-643d; It. **12**-800c.
Pressburg, Univ. of (Hung.) **11**-906a.
— Lyceum (Hung.) **3**-785c.
Press club (Wash., D.C.) **5**-861a.
Presseck, Ger. [**24**-30 G3].
Pressed glass **10**-416d.
PRESSED METAL (indus.) **18**-453a.
— Sandwich glass Pl. II. **10**-GLASS.
PRESSENSE, FRANCIS DE **18**-453d.
Presser. (plough): *see* Tail knife.
PRESSES AND PRESSWORK (met.) **18**-453d; **4**-44d; lubrication **4**-453d.
Press forging **7**-672a.
— **GANG** (naut.) **18**-454c.
Pressigny-le-Grand, Fr. [**24**-24 F5].
PRESSING: *see* Peine Forte et Dure.
— (mfr.) china **5**-552c; woollens **5**-849a.
— **LAWS** **18**-454d; **5**-114b; England **14**-367c; **16**-335a; Transvaal **22**-428c; U.S. **18**-455d; liberty of **19**-161c; Fr. **9**-776b; Milton **15**-510a; Stamp Act **17**-513b; contempt of court **6**-328d fol.; Russia **19**-721d; censorship **5**-114b.
Press photography **17**-820a.
— syndicates **21**-708c.
Pressure (projectiles) fig. 10 **16**-860; **16**-861a; **16**-860b fol.; **7**-370d; arc discharge **8**-264d; elasticity **8**-119a; gases (chem.) **5**-390b fol.; **5**-407b fol.; **13**-388b fol.; ions **8**-245a; light **14**-63c; liquids **5**-392a fol.; **23**-195d; lubrication **15**-885c fol.; measurement **17**-877d; metals **8**-229d; metamorphism **15**-328a fol.; **22**-927a fol.; osmosis **8**-318d; thermometry; correction **22**-114c.
— (sensation) **20**-750c.
Pressure, barometric: *see* Barometric pressure; **15**-345d.
— **CHEMISTRY** **18**-457b.
— coefficient (thermodynamics) **22**-96d.
— compounding (turbine) **22**-577b fol.
— conduit (engin.) **2**-162d.
— cooker **11**-816b fol.
— energy **11**-987b.
— engine (mech.) **21**-352a.
— figure (min.) **6**-823d; **15**-405c.
— filter **9**-240b.
— **GAUGE** **18**-459a; *see also* Steam-gauge.
— gradient (phys.) **7**-371a.
— hull (nav.) **21**-492d.
—, hydrostatic **11**-987b.
— intensity **11**-987a.
— process (timber) **22**-222a.
— staging (steam turbine) **8**-152b.
Pressure-tube anemometer **1**-917c.
— vibrations **15**-430d.
Pressure turbine **8**-153b.
— water turbine **22**-580d.
PRESSWORK (met.): *see* Presses and Presswork.
Prestation: *see* Corvée royale.
Prestatyn, Wales [**24**-16 C1].
Prestbury, Ches., Eng. [**24**-16 D1].
Prestea, Go. Cst. [**24**-80 D4].
PRESTEIGN, Radnorshire, Wales [**24**-16 C2]; **18**-459c.
Preste-les-Bains, Fr. [**24**-26 F5].
PRESTER JOHN (legendary k.) **18**-459c; **6**-618d fol.
Presternum (anat.) il. **20**-732; *see also* Manubrium.
Přeštice, Czech. [**24**-50 C2].
PRESTIDIGITATION: *see* Conjuring.
"Prestige" (yacht) Pl. II. fig. 5 **23**-YACHTING.
Prestleigh, Eng. [**24**-17 D3].
Preston, Richard, earl of Desmond: *see* Desmond.
—, Sir Robert **4**-461c.
—, Thomas, 1st Viscount Tara: *see* Tara.
PRESTON, Lancs., Eng. [**24**-13 B4]; **18**-460d; Mills and Tenements Pl. III. fig. 3 **8**-ENGLAND.
—, Ark. [**24**-120 C2].
—, Conn. [**24**-101 B1].
—, Ga. [**24**-114 B4].
—, Ida. [**24**-145 G7].
—, Ill. [**24**-129 C5].
—, Kan. [**24**-142 D4].
—, Ky. [**24**-116 G2].
—, La. [**24**-121 A1].
—, Md. [**24**-109 D2].
—, Minn. [**24**-135 F8].
—, N.Dak. [**24**-136 G2].
—, Neb. [**24**-139 J4].
—, Nev. [**24**-153 E4].
—, Northumb., Eng. **22**-644b.
—, Okla. [**24**-143 H3].
—, Ont., Can. [**24**-90 B3].
—, Pa. [**24**-106 C2].
—, Sus., Eng. [**24**-15 C5].
—, Wis. [**24**-133 C7].
—, W.Va. [**24**-111 D2].
—, cape, Austr. [**24**-168 B3].
—, lake, S.Dak. [**24**-137 G2].
— (campaign, 1648) **10**-748d; **5**-269d.
— (battle, 1715) **8**-525c.
— Brockhurst, Eng. [**24**-16 D2].
Prestonburg, Ky. [**24**-116 H3].
— Candover, Eng. [**24**-15 B4].
— Hall (Kent, Eng.) **4**-202c.
Prestonkirk, parish, Scot. **7**-875a.
PRESTONPANS, E. Lothian, Scot. [**24**-12 B2]; **18**-461b; coal **7**-875b.
— (battle, 1745) **7**-875c; **20**-169c.
Prestonpans, Scot. **7**-875b.
Preston Park, Pa. [**24**-107 F2].
Preston's Inn (law school) history **12**-377a.
Preston's plot (Eng.) **17**-476b.
Prestune, Lancs., Eng.: *see* Preston.
PRESTWICH, SIR JOSEPH **18**-461b.
PRESTWICH, Lancs., Eng. [**24**-13 B4]; **18**-461c.
Prestwick, Ayrshire, Scot. [**24**-19 D6]; golf tournament **10**-499d fol.
Presumption (law) **3**-905d; of death **7**-109a fol.
Presumptive evidence (law): *see* Circumstantial evidence.
Pret, François **9**-420b.

Pretani (people) **12**-598b.
PRETE, DEL 18-461c.
Pretences, false (law): *see* False pretences.
Pretender, the Young (nick.): *see* Charles Edward (Eng. prince).
Preterite (gram.) **10**-615c; Spanish **21**-153d; Teutonic **21**-983a.
Pre-test underpinning (building) **9**-555d fol.
Preto, Braz. [**24**-164 A4].
—, riv., Braz. [**24**-163 D5].
Pretori (It. judges) **12**-759b.
Pretoria, dist., S.Af. **22**-421c.
—, Ga. [**24**-114 B5].
PRETORIA, Trans., S.Af. [**24**-81 D3]; **18**-461c; British occupy, 1900 **21**-65d conference (1902) **21**-66d; hangars **21**-52c; leper colony **21**-48b; newspapers **16**-349a; pop. **21**-48a; view Pl. I. fig. 1 **21**-SOUTH AFRICA.
— Convention (1881) **22**-426a.
— Dam Pl. I. fig. 4 **7**-DAMS.
— Game Reserve **22**-420c.
PRETORIUS (Boer fam.) **18**-461d.
—, Andries W. J. (patriot) **18**-462a.
—, Marthinus **7**-148b; **18**-462b; Kruger **13**-506c; raids **16**-840c; **22**-422d fol.
Prettin, Ger. [**24**-39 H2].
Pretty Prairie, Kan. [**24**-142 D4].
— Rock, N.Dak. [**24**-136 C3].
Pretyman, George (bp. Lincoln) **17**-973b.
Pretzsch, Ger. [**24**-39 H2].
Preuilly, Fr. [**24**-24 F5].
Preuss, Oreg. [**24**-151 A4].
—, mts., Ida. [**24**-145 G7].
Preussisch Eylau, Ger. [**24**-40 E1].
— Holland, Ger. [**24**-40 D1].
Preussische Akademie der Wissenschaften (Berlin) **1**-81d; publications **15**-76c.
— Akademie gemeinnütziger Wissenschaften (Erfurt) **7**-81d.
Preussischer Bund (Ger. soc.): *see* Prussian League.
Preussische Kriegslieder von einem Grenadier (Gleim) **10**-426a.
Prevention of Abuses Act, (1925, Eng.): *see* Honours Act.
— of Corruption Acts, 1906, 1916 (Eng.) **4**-110d; **20**-260d.
— of Crime Act (1908, Eng.) **18**-517a; criminal appeal **6**-709b; habitual offenders **11**-56b; police **6**-713c; principles **3**-923d fol.
— of Cruelty to Children Act (Eng.) **5**-471b.
Preventive censorship (govt.) **5**-114c.
— detention (prison) **18**-517b.
— **MEDICINE. 18**-463a; obstetrics **16**-677b; prolongation of life **15**-194d.
— surgery **21**-602d.
Pre-vertebral ganglia (anat.) **21**-703b.
Preveza, dept., Gr. [**24**-54 B3].
PREVEZA, Gr. [**24**-54 B3]; **18**-466a.
Previato, Gaetano **17**-64 Dc.
Previous examination (Cambridge Univ., Eng.) **4**-654c.
— question (public meeting) **17**-327b.
Previsional breeding (animals): *see* Stirpiculture.
PREVOST, ANTOINE F. 18-466a.
—, Augustine **1**-800a.
—, **EUGENE M. 18**-466c.
—, Sir George **5**-219a.
—, Pierre **11**-334b.
—, Theodosia **4**-444c.
Prévôt (Fr. offl.) **2**-937d: *see also* Mayor.
Prey, Fr. [**24**-24 G3].
Preyer, William **1**-273a.
P.R.H.A.: *see* People's Refreshment-House Association, Ltd.
PRIAM (k. Troy) **18**-466c; treasure **20**-686b.
Priaman, Sum. [**24**-72 B4].
Priamus (astron.) **22**-490d.
Priapatius (k. Parthia) **17**-345b.
PRIAPEIA (lit.) **18**-466c.
PRIAPULOIDEA 18-466d.
Priapulus (zool.) **18**-466d.
PRIAPUS (myth.) **18**-467a.
Pribilof, Gerasim **18**-467c.
PRIBILOF, isls., Alsk. [**24**-156 E8]; **18**-467b.
Pribislaus (Obotrite prince) **15**-170a.
PRIBRAM, ALFRED F. 18-467c.
PRIBRAM, Czech. [**24**-50 D2]; **18**-467d.
Price, Chester B. Pl. I. fig. 1 **19**-RENDERING, ARCHITECTURAL; Pls. IX.-XIV. ARCHITECTURE.
—, J. Dodds **13**-241a.
—, **RICHARD 18**-467d.
—, **STERLING 18**-468a.
—, **THOMAS 18**-468b.
—, Thomas R. **17**-27b.
—, co., Wis. [**24**-132 C4].
—, Ariz. [**24**-149 D5].
—, Ark. [**24**-120 C3].
—, N.C. [**24**-112 F1].
—, N.Dak. [**24**-136 D2].
—, Utah [**24**-152 D3].
—, Wis. [**24**-133 D5].
—, isl., B.C., Can. [**24**-92 C4].
—, riv., Utah [**24**-152 D3]; **5**-5b.
PRICE (econ.) **18**-468b; advertising **1**-203b; arbitrage **2**-217c; Adam Smith **20**-825c fol.; Brit. econ. **10**-720b fol.; central bank **5**-142a; control **6**-92d; cost of living **6**-501c fol.; demand **7**-177c; fluctuation **22**-353c; income tax **12**-135d; Fisher's index nos. **7**-507b; market **15**-692b; public utilities **18**-745a fol.; quantity theory **18**-813b; stock market **5**-845a fol.; supply and demand **21**-579c; stabilization **15**-698a; trusts **22**-519a: *see also* Issue price.
— Creek, Colo. [**24**-147 B1].
PRICE-CUTTING (econ.) **18**-469c.
Priced schedule **4**-349a.
Price-fixing (econ.) **9**-212a; **23**-332d; limitation **23**-39d; profiteering **18**-557a.
Price index (fin.) **10**-694d.
Priceite (min.) **6**-1b.
PRICE LISTS: see Catalogues and price lists.
— **MAINTENANCE** (econ.) **18**-469d.
— Mill, Ky. [**24**-116 D4].
— of Coal Limitation Act (Eng.) **5**-902c.
Price-relatives (econ.) **12**-149c.
Prices, Md. [**24**-109 D1].
—, **STATISTICS OF 18**-470d.
—, wholesale: *see* Wholesale prices.
Price Stabilization (econ.) **15**-698a.
Priceville, Ky. [**24**-116 D3].
Priceville, Ont., Can. [**24**-90 B2].
PRICHARD, JAMES COWLES 18-478a.
—, Rhys **23**-297c.
—, La. [**24**-121 C2].
—, W.Va. [**24**-111 A3].
Prichett, Colo. [**24**-147 H4].
Pricking up (plastering) **18**-40d.
Prickle cells (anat.) fig. 7 **8**-663.
PRICKLY ASH (pot.) **18**-478b.
— glasswort (bot.) **10**-421a.
— heat (disease) **9**-285d.
— **LETTUCE 18**-478c.
— **PEAR 18**-478c; fig. 2 **4**-509d; **2**-711d; eradication **23**-476a fol.; insects **8**-624b.
— poppy (pop.) **18**-229a.
— potato: *see* Buffalo-bur.
— rose (bot.) **19**-554a.
— -wood (bot.): *see* Dogwood.
PRIDE, THOMAS 18-478d.
—, Ala. [**24**-118 B1].
—, Ky. [**24**-116 C3].
—, La. [**24**-121 D3].
—, O. [**24**-125 C4].
—, S.C. [**24**-113 C2].
— (fish): *see* Sand-piper.
PRIDEAUX, HUMPHREY 18-478d.
PRIDE OF CALIFORNIA (bot.) **18**-479a.
— of India (bot.): *see* Melia Azedarach.
Pride's Purge (Eng.) **6**-741c; **18**-478d.
Pridvorov, E. A.: *see* Bedny, Demian.
Priebus, Ger. [**24**-39 K2].
Priego, Sp. [**24**-32 D4].
— de Córdoba, Sp. **6**-428a.
PRIENE, Asia Minor **18**-479a; **2**-539b; **15**-479d.
Prier, M. Pl. I. fig. 6 **22**-TRANS-O. AND TRANSCONT. FLIGHTS.
Priesen, Czech. [**24**-39 J3].
Prieska, Cape Col. [**24**-81 C3]; **21**-65c.
Priessnitz, Vincenz **11**-996c.
PRIEST 18-479b; **15**-555a; confession **6**-231b; Egyptian **8**-60a; Jewish **1**-4c; king **19**-105d; prophets **18**-587a; Roman Catholic **23**-110a.
—, lake, Ida. [**24**-145 B1].
— -levite (title) **19**-919a.
— -king (anthro.) **2**-48.
Priestewitz, Ger. [**24**-39 J2].
Priestfield, T. H., lord **11**-120c.
Priestley, John Boynton **8**-601c.
—, **JOSEPH 18**-482b; aerated water **1**-224b; ammonia **1**-818a; camera obscura **4**-660d; Cobbett **5**-932a; combustion **5**-357c fol.; law of force **8**-185a; oxygen **5**-361a; respiration **3**-591b; **15**-203b; **19**-216d.
Priestly, F. **2**-565a.
—, lake, Me. [**24**-96 C2].
— Code (rel.) **2**-651d.
— Narrative (Bibl.) **3**-510c.
— pneumatic transmission system **18**-97b.
Priestman oil engine **12**-502d.
"Priest of the Plum-blossom" (nick.): *see* Wu Chên.
Priest Rapids, Wash. [**24**-150 F4].
— river, Ida. [**24**-145 B1].
— -vicar (title) **4**-755a.
Prieta, mt., Sp. **4**-763b.
Prieto, Joaquin **5**-494c.
PRIEUR, PIERRE 18-483a.
— **DE LA MARNE** (Pierre Louis Prieur) (Fr. pol.) **18**-483b.
— **DUVERNOIS, CLAUDE** Antoine, comte **18**-483b.
Prigmore's Swamp, N.J.: *see* New Brunswick.
Prignano, Bartolomeo: *see* Urban VI. (pope).
Prignitz, dist., Ger. [**24**-36 E2].
Prijedor, Yugos. [**24**-52 C2].
Prijepolje, Yugos. [**24**-52 D3].
Prikaz No. I. (Russ. rev. order) **19**-730c.
PRILEP, Yugos. [**24**-52 E4]; **18**-483c.
Priluki, U.S.S.R. [**24**-49 D4].
PRIM, JUAN, marquis de los Castillejos, count de Reus (Sp. states.) **18**-483c; **10**-291d; **21**-137a.
—, pt., P.E.I., Can. [**24**-88 F2].
Primacy of the Will (philos.) **17**-750d.
Primaeval palace construction (arch.) **12**-954b.
Primage **8**-904d.
Primal Man (theol.) **10**-453d.
Prima materia **1**-536b.
Prima Porta, It. **20**-29b.
Primaries (chem.) **5**-371a.
PRIMARIES (govt.) **18**-483d; **8**-134d; **8**-168a.
Primary alcohols **1**-544c fol.
— battery (elec.) **3**-214b.
— condenser fig. 4 **12**-274.
— decomposition (chem.) **17**-786d.
— emotion (psych.) **8**-399d; **1**-961a; **9**-145a.
— extraction (fire-arms) **20**-807a.
— fissure (anat.) **19**-225d.
— gneiss (geol.) **10**-450d fol.
— haemorrhage (med.) **11**-68d.
— Keratitis (med.) **9**-8d.
— poverty (sociol.) **18**-383d.
— Prakrit (lang.) **18**-415d fol.
— quill **9**-130d.
Primas (legend): *see* Golias (bishop).
PRIMATE (title) **18**-484d; **2**-263b.
PRIMATES (zool.) **18**-485a; comparative anatomy **20**-741b fol.; **20**-762b fol.; distribution **23**-971a; organic evolution **8**-927d.
Primatial church (title) **5**-33b.
"Primavera" (Botticelli) **3**-951d.
Přimda, Czech. [**24**-39 H4].
Prime (fencing) **9**-157b.
— cost (accounting) **6**-495b.
— factor (math.) **16**-601d.
— **MINISTER** (offl.) **18**-490c; **6**-315a; cabinet **4**-500a; English incumbents (1721-1928) **15**-551d; king's prerogative **18**-488c; parliament **17**-320d.
— mover (engin.) **18**-387b; **23**-647c.
Prime mover (marine): *see* Marine engineering
— number (math.) **16**-610c.
— orders of Christendom **13**-434d.
Primer (blasting) **3**-709b.
Primera parte de la Angélica (poem, Barahona de Soto): see *Angélica, Primera parte de la.*
Primera parte de la Galatea (Cervantes): see *Galatea.*
Primero, Colo. [**24**-147 F4].
—, riv., Arg. **6**-426d.
Primer seisin (law) **20**-288a.
Primes (math.) **16**-607a.
Primghar, Ia. [**24**-138 B1].
Primicerius (cler.): *see* Precentor.
Priming (art) **10**-348a; **16**-740a.
Priming (brewing) **4**-105c.
Primiparae (child birth) **20**-136c.
Primis, Nub.: *see* Ibrim.
Primitive art **12**-844a; **16**-915a fol.; **20**-215c; *see also under* countries, cultures, *and* periods.
— communism **14**-950c.
— Credulity (psych.) **19**-106b.
— dress **7**-649d.
— economics: *see* Economics, Primitive.
— **METHODISTS** (sect) **18**-491c; **15**-358a; **19**-237b.
— morality: *see* Morality, primitive.
— ornament: *see* Ornament, primitive.
— property: *see* Property, primitive.
— religion **2**-45b; **19**-103a; animatism **1**-973b fol.; evolution **19**-107a; magic **19**-106c; negro **16**-194a; oceania **16**-694a; prayer **18**-419a; psychology **19**-106a; totemism **22**-315b; tree-cults **22**-445d.
— root (math.) **16**-601d.
— sheath (anat.): *see* Neurilemma.
— societies **1**-344b.
— streak (embryol.) **23**-99d.
— systems (geol.) **18**-428a.
— trade: *see* Trade, Primitive.
— ventral aortae (anat.) **11**-305b.
— **WEALTH**: *see* Wealth, Primitive.
— Weapons: *see* Weapons, Primitive.
PRIMO DE RIVERA, MIguel 18-492c.
PRIMOGENITURE 18-492d; **12**-356c; England **23**-154b; France **9**-766b; Germany **1**-523c; peerage **17**-437c; Russia **17**-644d; U.S. **12**-355d; **13**-680c; **13**-809d.
Primopolis, Asia M.: *see* Aspendus.
Primordial Silurian system (geol.) **4**-645b.
Primrose, Archibald P., 5th earl of Rosebery: *see* Rosebery.
—, Neil **19**-556c.
—, Ga. [**24**-114 B3].
—, Neb. [**24**-139 F3].
—, R.I. [**24**-100 B2].
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Puck, Pol. [**24**-40 D1]; **18**-136c; **4**-966a.
Puck (period.) **4**-951c.
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—, Ky. [24-116 H3].
—, Nev. [24-153 A2].
—, lake, Nev. [24-153 A2].
—, mts., N.Mex. 16-316d.
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— fibres (anat.) 4-11d
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Pyramidal numbers (math.) 9-230c.
— system (crystall.): *see* Tetragonal.
— tract (anat.) 4-11a; 4-8c fol.
Pyramidellidae (zool.) 10-68d.
Pyramid Hill, Vict., Austr. [24-170 F6].
PYRAMIDION (arch.) 18-793d.
— of numbers (biol.) 7-921c.
Pyramidon (drug) 2-73d.
Pyramids (game) 3-566a.
—, battle of (1798) 9-822c.
— Lake, Nev. [24-153 A2]; 16-268c.
Pyramus, riv., Asia M. 5-705d; *see also* Jihun.
— **AND THISBE** (myth.) 18-793d.
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Pyraustidae (insects) 13-949c.
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— sheep and cattle dog 7-497c.
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—, mts., Vict., Austr. [24-170 F6].
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Pyreneos, Serra dos, mts., Braz. 10-582c.
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— Parthenium: *see* Pyrethrum.
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— uliginosum: *see* Ox-eye daisy.
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Qu. (abbrev.) **1**-26a.
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Quadric, ruled **18**-573d.
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Quadripartitus (law) **1**-947c.
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Quadrivium (educ.) **22**-488c.
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— Alliance (Eng. letters) **23**-312c.
— Alliance (1745) **2**-779b.
— Alliance (1815) **22**-442a.
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Quaestiones perpetuae **19**-493d; **10**-584c; **19**-494b.
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—, Pers. [**24**-63 D2]; **18**-806c.
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Quaker-parrot **16**-243b.
Quaker poet (nick.): *see* Barton, Bernard
QUAKERS **18**-810d; **6**-163a; **20**-780a; baptism **3**-85b; eucharistic doctrine **8**-798d; Fox **9**-570d; *see also* Friends, Society of.
— Yard, Wales [**24**-17 C3].
Quakertown, N.J. [**24**-105 B2].
QUAKERTOWN, Pa. [**24**-107 F3]; **18**-810d.
Quaking-asp: *see* American aspen.
Quaking grass **10**-657c.
Quala Maslaz, Pers. [**24**-63 D3].
Qualeji, El, Fr.W.Af. [**24**-80 D2].
Qualified privilege **13**-997c.
Qualitative analysis **5**-399c; **21**-185d.
— atomism **18**-88c.
— microanalysis **15**-427a fol.
— pluralism **18**-88a.
QUALITIES (of matter) **18**-810d.
Quality, Ky. [**24**-116 D3].
— (in indus.) **22**-519d.
— (philos.) **1**-93a.
— bonus: *see* Production bonus.
Quality Street (play, Barrie) **3**-141a.
Qual prodigo ch'io miri (Stradella) **21**-446c.
Quamina, (k. of Ashanti): *see* Osai Tutu Kwadwo.
Quanah, Tex. [**24**-123 E2].
Quandang nut use **16**-646a.
Quanta (evolution) **3**-607c.
Quantico, Md. [**24**-109 D2].
QUANTICS (math.) **18**-813b; **1**-608b.
Quantitative analysis **5**-399c; **5**-405a; **21**-186b.
— induction **20**-130c.
— microanalysis **15**-427a.
— pluralism **18**-88c.
Quantities (math.): *see* Complex numbers.
Quantity (elec.) **8**-206c.
— (math.) **4**-555a.
— meter **12**-443a fol.; **12**-433c.
— surveyor **4**-348a.
QUANTITY THEORY OF Money **18**-813b.
Quantock, hills, Som., Eng. [**24**-177 E5]; **20**-972b; **7**-285d.
Quantrell, William C. **13**-262c.
quant.suff. (abbrev.) **1**-26a.
Quantum kinematics **2**-644c.
— mechanics **2**-644c.
— numbers **2**-645a; **21**-191c.
— of action **18**-815b.
QUANTUM THEORY **18**-814d; **2**-643c; atomic structure **3**-788c; Compton effect **18**-818b; correspondence principle **18**-821c; gases **5**-391c; light **17**-788c fol.; **23**-941b; magnetism **14**-640a; matrix mechanics **18**-826a; new theory **18**-823d; photoelectricity **18**-817d; radiation **18**-815c; spectra **18**-818c; Stark effect **18**-822c; wave mechanics **18**-824a; Wilson cloud chamber **23**-640a; Zeeman effect **18**-822d; summarization **20**-948c.
QUANZA, riv., W.Af.: *see* Kwanza.
Quapaw, Okla. [**24**-143 J2].
— (tribe) **20**-716d.
— Agency (Okla.) **16**-757a.
Qu'appelle, dist., Sask., Can. [**24**-91 F3].
—, Sask., Can. [**24**-91 F3].
—, riv., Sask., Can. [**24**-91 F3].
QuaQua, riv., E.Af.: *see* Quelimane.
Quarahim, Braz. **19**-318b.
Quarahy, Braz.: *see* Quarahim.
Quarante-cinq, Les (Dumas) **7**-725c.
Quarantine, harb., Malta: *see* Marsamuscetto.
QUARANTINE **18**-827a; **3**-577d; **18**-740b fol.; **11**-793c.
— station, N.Y. **16**-383b.
Quare clausum fregit **23**-810c.
— eiecit infra terminum **23**-810b.
Quaregna, Amadeo Avogadro, count di: *see* Avogadro, Amadeo.
QUARE IMPEDIT **18**-827b; **1**-207c.
QUARITCH, BERNARD **18**-827b.
QUARLES, FRANCIS **18**-827c.
Quarnero, gulf, It. [**24**-34 E2]; **2**-981a.
Quarnerolo, gulf, Yugos. [**24**-52 B2].
Quarr, I. of W., Eng. **23**-593b.
Quarrel (bolt) **6**-755b.
Quarré-les-Tombes, Fr. [**24**-25 K4].
Quarry, Pa. [**24**-107 E4].
Quarry, ravine, U.S.S.R. **12**-363a.
"Quarry, The" Pl. IX fig. 2 **21**-TAPESTRY.
Quarry Farm, N.Y. **8**-377c.
QUARRYING **18**-827c; Pl. I. fig. 2 **5**-CEMENT; Gt. Brit. **10**-723a; **12**-277b; U.S. **12**-277b.
Quarry sap **21**-436c.
Quarryville, N.J. [**24**-105 B1].
Quart (measure): *see* Bushel.
Quartain: *see* Quatrain.
Quarte (fencing) **9**-157b.
Quartel de Santa Cruz, Braz. [**24**-164 B4].
— do Cuithe, Braz. [**24**-164 B4].
Quarter (her.) **11**-465b; fig. 1 **11**-457.
Quarter Court **22**-774c.
QUARTER DAYS **18**-829a.
QUARTERFOIL (arch.): *see* Quatrefoil.
Quartering (her.) **11**-460a.
— (of net) **16**-246d.
— (torture): *see* Drawing and Quartering.
— wind: *see* Free reach.
Quarter line **9**-368b.
Quarterly (her.) **11**-465d.
Quarterly Journal of Economics (Am. period.) **21**-836d.
Quarterly Journal of Pure and Applied Mathematics, The (Brit.) **15**-76d.
Quarterly Review (Brit. period.) **17**-513b; **19**-882b; **8**-594b.
QUARTERMASTER **18**-829a; **21**-274d.
— Corps (U.S. army) **22**-760a.
— General (Gt. Brit.) **23**-360d.
Quarter Nelson (wrestling) fig. O. **23**-805.
Quarters (mil.): *see* Cantonment.
QUARTER SESSIONS, Court of (Eng.) **18**-829b; **19**-15d; **2**-128d.
Quarter-Shot (golf) **10**-504c.
— **SQUARES** **18**-830a; **15**-81a.
— **-STAFF** **18**-830b.
— **TONES** (mus.) **18**-830b; **12**-241d; **17**-901b.
— -wave plate **14**-70d.
Quartet (mus.) **5**-208d.
Quartets (Beethoven) **3**-319d.
"Quartette, The" (paint., Dannat) **7**-36a.
Quarth-hadasht, Cyprus **17**-769c.
Quartic (math.): *see* Biquadratic.
Quartile value **18**-535b.
Quartique piriforme (math., Fr.): *see* Pear-shaped quartic.
Quartly, Francis **5**-48a.
Quarto, Sard. [**24**-35 B5].
—, riv., Arg. **6**-426d.
— (book) **3**-539d.
— (measure) **15**-141c.
Quartodeciman controversy **7**-859b.
Quartodecimani **7**-859b.
Quartodecimans **4**-569d.
Quartremayns, Thomas, il. **2**-394b.
QUARTZ (min.) **18**-830c; amethyst **1**-807d; Pl. I. figs. 11 and 12 **10**-GEM; beads of **3**-253b; colour **15**-524d; hardness **1**-61d; **10**-93d; conductivity of heat fig. 103 **6**-826; Lamprophyres **13**-635b; melting point **15**-525c; micropegmatite **15**-430b; optical dyration **14**-75b; sand **19**-934a.
— andesite: *see* Dacite.
— cat's-eye **5**-44d.
— crystals **10**-582d.

Quartz fibre **12**-449d.
— gabbro (min.) **9**-960c.
— inversion **17**-678d.
QUARTZITE **18**-832b; **7**-290.
— glass **10**-413b.
Quartz-norite **9**-960c.
QUARTZ-PORPHYRY **18**-832c.
Quartz resonator **21**-12a.
Quartz-schist **20**-71a.
Quartzsite, Ariz. [**24**-149 A5].
Quartz spectrograph Pl. I figs. 1-3 **21**-SPECTROSCOPY.
Quartz-syenite **3**-918a.
Quasdanovich (gen.) battle (1794) **9**-812b; (1796) **9**-820a fol.; **9**-819b fol.; (1797) **9**-821d.
Quasi-contract (law) **6**-342a.
Quasida **2**-193a.
Quasi-geometry: *see* Antipodal elliptic space.
Quasimodo Sunday: *see* Low Sunday.
Quasqueton, Ia. [**24**-138 F2].
QUASSIA (tree) **18**-833b.
Quassia amara **18**-833b.
QUATERNARY (palaeobot.) **18**-833c; Eur. **17**-95b; fauna Pl. II. **17**-PALAEOBOTANY; Pl. I. fig. 5 **22**-UNGULATA; Ice Age **5**-825d; **5**-825b; **10**-376c; U.S. **22**-727c.
— forms (math.) **1**-607c; **16**-604a; **16**-614b.
Quaternary Ice Age, The (Wright) **10**-379d.
Quaterni (David of Dinant) **7**-80c.
Quaternionen, Zahlentheorie der (Hurwitz) **16**-606b.
QUATERNIONS **18**-834c; **16**-606b.
Quaternuli (David of Dinant): see *Quaterni*.
Quathlamba, mts., S.Af. [**24**-81 D4].
QUATORZAIN **18**-835d.
QUATRAIN **18**-835d.
Quatre Bras, Belg. **23**-419a fol.
Quatre Cantons, lake, Switz.: *see* Lucerne.
Quatrecht, Belg. map **2**-88.
Quatre fils Aymon, Les: see *Renaus de Montauban.*
QUATREFOIL (QUARTERfoil) (arch.) **18**-835d.
Quatremere de Quincy **17**-50d.
Quatre Septembre, street, Paris **17**-286d.
Quatre-valets (game): *see* Four jacks.
Quatre vingt (Fr. number) **2**-356a.
Quatsino, B.C., Can. [**24**-92 C4].
—, sd., B.C., Can. [**24**-92 C4].
— (tribe) **13**-526a.
Quattro Novembre, Via (street, Rome) **19**-473b.
Quatuor Coronatorum Antigrapha **9**-734c.
Quatuor majores personae (cler.) **5**-35a.
— tempora: *see* Ember days.
QUAVER (mus.) **18**-836a.
Quay, co., N.Mex. [**24**-148 F3]; **16**-318d.
—, N.Mex. [**24**-148 F4].
— (dock) **7**-473b; **7**-477a; fig. 9, 10 **7**-472; **4**-538b.
Quchan, Pers.: *see* Kuchan.
Que. (abbrev.) **1**-26a.
Quealy, Wyo. [**24**-146 C4].
Queanbeyan, N.S.W., Austr. [**24**-171 J5]; **16**-332a.
QUEBEC, prov., Can. [**24**-89; **24**-87 P6]; **18**-836a; area **4**-694c; agriculture **4**-699a; geology **4**-691c fol.; history **4**-706b fol.; liquor regulations **4**-711b; **14**-194a; minerals **4**-700a fol.
—, co., Que., Can. [**24**-89 B3].
QUEBEC, Can. [**24**-89 C3]; **18**-838d; lit. **4**-717c; government **17**-408a; hist. **9**-866b; **5**-218b; **1**-798a; **4**-705c; **20**-395d; s.s. routes: Glasgow [**24**-2 H2]; Liverpool [**24**-2 H2].
—, La. [**24**-121 C1].
—, Tex. [**24**-122 B4].
QUEBEC ACT (1774, Eng.) **18**-840d; **4**-706a.
— Boundaries Extension Act (1912) **18**-836b.
— bridge (Quebec) **4**-128b; **4**-131d fol.; Pl. VI. fig. 1 **4**-BRIDGES; **4**-137b.
— draughts (game): *see* Montreal draughts.
Quebeck, Tenn. [**24**-117 F2].
Quebra Anzal, riv., Braz. [**24**-164 A4].
Quebracho **2**-325b; **2**-317c.
— colorado **10**-627a.
Quechee, Vt. [**24**-97 B3].
Quechua (tribe) **17**-628c; **23**-926d; lang. **7**-939b.
Queckenstedt (surg.) **21**-217d.
Quedet (weight) **15**-144d.
QUEDLINBURG, Ger. [**24**-39 G2]; **18**-841a; castle il. **11**-239.
Queen, Ariz. [**24**-149 D5].
—, N.C. [**24**-112 F2].
—, Nev. [**24**-153 B5].
— (ant) **2**-13b.
— (chess) **5**-425c.
QUEEN (title) **18**-841a; **6**-458d.
— Adelaide, prov., Af. **20**-830a.
— Adelaide, archip., Chil. [**24**-165 A7].
— Alexandra, mts., Antarc. [**24**-5].
— Alexandra's Imperial Military Nursing Service **15**-187c.
— Anne, co., Md. [**24**-109 D2].
— Anne, Md. [**24**-109 D2].
— Anne Act (1712, Scot.) **9**-729b; **20**-176d.
— **ANNE'S BOUNTY** (fund) **18**-841a; **7**-384b: *see also* Annates.
— Anne's Charity Fund **6**-74d.
— **ANNE'S LACE**: *see* Wild carrot.
— Anne's Ride (avenue, Lond.) **23**-651c.
— Beach, Colo. [**24**-147 H3].
— bee **3**-309d fol.; fig. 12 **3**-311a.
QUEENBOROUGH, Kent, Eng. [**24**-15 D4]; **18**-841b.
Queen Charlotte, B.C., Can. [**24**-92 C4].
— **CHARLOTTE ISLANDS**, B.C., Can. [**24**-92 C4]; **18**-841b.
— Charlotte, isls., Pac. O.: *see* Santa Cruz.
— Charlotte, sd., B.C., Can. [**24**-92 C4].
— Charlotte, str., B.C., Can. [**24**-92 C4].
— City Park, Vt. [**24**-97 A2].
— Cleopatra's war trumpet: *see* Sistrum.
— consort **6**-291a.
— dowager **6**-291b.
"Queen Elizabeth" (Brit. battleship) **3**-222d; **23**-782c.
Queen Elizabeth's Foreland, isl., Can.: *see* Resolution.
Queen-gold **6**-291b.
— Junction, Pa. [**24**-106 B3].
— Margaret College (Scot.) **10**-395d.
— Mary Land, dist., Antarc. [**24**-5 B7]; **2**-18a.
"Queen Mary" (battle cruiser) **6**-770d; **13**-221c.
Queen Mary (drama, Tennyson) **21**-941a.
Queen Mary's Army Auxiliary Corps (Brit.) **23**-708d.
— Mary's Mount hill, Scot.: *see* Carberry Hill.
— Mary's Needlework Guild **14**-1003a.
Queen Mary's Psalter (ms.) **12**-98b.
Queen Mary's stone, Glasgow, Scot. **10**-396c.
— Maud, gulf, Northwest Terr., Can. [**24**-86 J3].
— Maud's, mts., Antarc. [**24**-5].
— Moray Pl. I. fig. 6 **7**-DISTRIBUTION OF ANIMALS.
Queen Mother, The (dram., Swinburne) **21**-668d.
Queen of Kazalar, The (nov., Vasov) **4**-368c.
Queen of Spades (Swed. nov., C. Livijn) "Swed lit." **21**-657c.
Queen of Spas (nick.): *see* Saratoga Springs.
"Queen of Venton" Pl. II. fig. 3 **7**-DOG.
Queen-post truss **19**-528d fol.
Queen regnant **6**-291b.
Queen rod **19**-530b.
Queen's, co., Ire. **16**-711c: *see also* Leix.
—, co., N.B., Can. [**24**-88 C3].
—, co., N.S., Can. [**24**-88 D4].
—, co., N.Y. [**24**-102 G5].
—, co., P.E.I., Can. [**24**-88 F2].
—, borough, N.Y., N.Y. [**24**-104 E4]; **16**-377a; map **16**-379; **16**-380c.
—, chan., Eng. **14**-234b; map **11**-172.
—, chan., N.Aus., Austr. [**24**-192 B1].
Queen's, chan., Northwest Terr., Can. [**24**-86 K1].
—, dock, Glasgow, Scot. **10**-397b.
—, riv., R.I. [**24**-100 B3].
Queen's Arcadia, The (play, Daniel) **7**-601b.
QUEENSBERRY, EARLS, Marquesses and Dukes of **18**-841c: *see also* Douglas.
—, Henry, 5th duke of: *see* Buccleuch.
—, John S.D., 8th marquess of **3**-985d.
—, Sir William D. 1st earl of **18**-841c.
—, William D. 3rd earl of **18**-841c.
—, William D. 4th duke of **18**-841c; **13**-324c.
—, mt., Scot. [**24**-19 E6].
— Rules **3**-985d.
Queensboro, Ont., Can. [**24**-90 D2].
— (bridge, N.Y.C.) **16**-381a; **4**-137b; Pl. VI fig. 3 **4**-BRIDGES; Pl. IX. figs. 5-8 **4**-BRIDGES.
Queen's Bridge, Eng. [**24**-15 D4].
Queensbury, Yorks., Eng. [**24**-13 C4].
Queen's Camel, Som., Eng. **4**-657c.
Queenscliff, Vict., Austr. [**24**-171 G7].
Queenscliffe, S.Aus., Austr. [**24**-170 C5].
Queen's Club (Lond.) **18**-872d; **9**-909c; **13**-792a.
— College (Brit. Gui.) **10**-958a.
— College, Birmingham **3**-643d.
Queens' College (Cambridge) **4**-652c; Pl. fig. 7 **4**-CAMBRIDGE.
Queen's College (Ire.): *see* University College.
— College (London) **7**-83a.
— College (N.C.) **5**-295d.
— College (Oxford) **4**-104c; map **16**-988; Pl. fig. 6 **16**-OXFORD; **23**-804a.
— Crowns **6**-763a.
— doll's house **15**-630c.
Queensferry, North, Scot. [**24**-19 E5].
—, Scot. **10**-750a fol.
—, South, Scot. [**24**-19 E6].
—, Wales [**24**-16 C1].
— bridge (Chester) **4**-130b.
Queen's gillyflower: *see* Dame's violet.
— Hall, Lond. **23**-714a.
Queens Head Inn, Eng. [**24**-15 B5].
Queen's Knowe, hill, Scot. **5**-33a.
QUEENSLAND, state, Austr. [**24**-169]; **18**-841d; Aborigines **10**-113a; apprenticeship **2**-147d; cattle-raising **2**-729a; **3**-306d; Government **17**-408b; **2**-719b; irrigation **12**-691a; lumber Pl. II. fig. 2 **2**-AUSTRALIA; mines **2**-725b fol.; **2**-725d; **2**-725c; Pl. II. fig. 6 **2**-AUSTRALIA; railroads **2**-733b; tax revenue **13**-676a.
—, University of (Austr.) **22**-877d.
— museum (Brisbane) **15**-1002d.
— pittisporum (bot.) **17**-977c.
Queen's prison: *see* Fleet prison.
"Queen's Quair, The" Hewlett **11**-535c.
Queen's scholarship **7**-980c.
QUEENSTOWN, Cape Col. [**24**-81 D4]; **18**-846b.
QUEENSTOWN (COBH), Ire. [**24**-21 C5]; **18**-846a; **6**-436c; **6**-437a.
—, Md. [**24**-109 C2].
—, N.Z. [**24**-173 B6].
QUEENSTOWN, Tas.: *see* Tasmania; *see also* [**24**-171 G9].
— shales **20**-679d.
Queen's University (Belfast, Ire.) **3**-339a; **22**-874a; **8**-937a; *see also* Ireland, National University.
Queensville, Ind. [**24**-127 C3].
Queen's war (1667-68): *see* War of Devolution.
Queensware **7**-842a.
Queen Trigger fish Pl. I. fig. 4 **7**-DISTRIBUTION OF ANIMALS.
Queen Victoria, sea, Arct. O. **9**-699c.
— Springs, W. Aus. [**24**-168 C5].
Queen Victoria (Strachey) **3**-596b.
Queets, Wash. [**24**-150 A3].
—, riv., Wash. [**24**-150 A3].
Queich, riv., Ger. [**24**-38 D4].
Queimadas, Braz. [**24**-163 E5].
Queiroz, Barros (Port.) **18**-283d.
—, Eça de (au.) **18**-295d.
Queis, riv., Ger. [**24**-39 L2]; **9**-380a.
Queixada (zool.) **1**-735c.
Quekett Microscopical Club (Eng.) **15**-443d.
Quélern, penin., Fr. **4**-93d.
QUELIMANE (QUILIMANE, Kilmane), Port. E.Af. [**24**-81 F1]; **18**-846b; **18**-285c fol.; **7**-857c.
Quelimane (Quilimane), Port. E.Af. **14**-239c.
— -Mocuba (ry., Port. E.Af.) **18**-286b.
Quelle: *see* Q.
Quellien, N. (poet) **4**-97d.
QUELPART, Kor. **18**-846c.
—, isl., Kor. [**24**-74 E7]; **13**-485d.
Queluz, Braz. [**24**-164 B5].
Quemado, N.Mex. [**24**-148 A4].
Quenched steel **12**-671b.
Quenching (met.) **12**-669b; dry: *see* Dry quenching.
Quendon, Eng. [**24**-15 D4].
Quenemo, Kan. [**24**-142 G3].
Quennerstadt, A. (geol.) **21**-251a.
QUENTAL, ANTHERO DE **18**-846d; **18**-295a fol.
Quentel, Peter **3**-531d.
Quentin, Pa. [**24**-107 E3].
Quentovicus, Fr.: *see* Etaples.
Que Que, S.Rhod. [**24**-81 D1].
Quercetanus, André: *see* Duchesne, André.
Quercetin (chem.) **2**-27a fol.; **18**-847a.
Quercitrin (chem.) **2**-27a fol.; **18**-847a.
QUERCITRON BARK **18**-846d; **9**-957b.
Quercus (bot.) **22**-220d: *see* Oak.
— Aegilops **16**-660b; fig. 27 **9**-877.
— agrifolia: *see* Coast live oak.
— alba: *see* White oak.
— arizonica: *see* Arizona white oak.
— borealis: *see* Red oak.
— Cerris: *see* Turkey oak.
— chrysolepis: *see* Maul oak.
— coccifera: *see* Oak kermes.
— coccinea: *see* Scarlet oak.
— dumosa: *see* Scrub oak.
— Garryan: *see* Oregon white oak.
— Ilex: *see* Evergreen oak.
— infectoria **16**-660b.
— Kelloggii: *see* California black oak.
— leptophylla: *see* Rocky Mountain white oak.
— lobata: *see* Valley oak.
— lyrata: *see* Overcup oak.
— macrocarpa: *see* Burr oak.
— mannifera **16**-660b.
— montana: *see* Chestnut oak.
— pedunculata **22**-220d.
— persica **16**-660b.
— Phellos: *see* Willow oak.
— Prinus: *see* Swamp chestnut.
— sessiflora **22**-220d.
— Shumardi: *see* Shumard red oak.
— stellata: *see* Post oak.
— Suber: *see* Cork oak.
— Vallonia **14**-816b.
— velutina **18**-846d fol.
— velutina: *see* Black oak.
— virginiana: *see* Live oak.
— Wislizenii: *see* Interior live oak.
QUERCY, anc. dist., Fr. **18**-847a.
Querctaro, state, Mex. [**24**-158 E3]; **15**-381c.
QUERETARO, Mex. [**24**-158 E3]; **18**-847a.
— **-ARTEAGA**, state, Mex. **18**-847b.
Querfurt, Ger. [**24**-39 G2].
Quérigut, Fr. [**24**-26 F5].
Quéring, Uldaric: *see* Gering, Ulrich.
Querneus, André: *see* Duchesne, André.
Quero Matro Pellon, mts., Arg.: *see* Nevado, mts.
Querqueville, ft., Fr. [**24**-24 D2].
Quervain, A. de (expl.) **10**-858a.
Quervain, de (expl.) map **2**-295 (G4).
Quesada, Gonzalo, J. de **3**-780c; **6**-37d; **16**-296a.
Quesada, Presentación (Hond. pol.) **11**-713d.
Quesal: *see* Quezal.
QUESNAY, FRANÇOIS **18**-847c; **17**-885c; **20**-824c.
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— Employment (Prevention of Accidents) Act (1900, Eng.) **13**-539c fol.
— Executive (Eng.) **12**-313b.
— Labor Act (1926, U.S.) **12**-301a; **18**-940d.
— Labour Board (U.S.) **18**-940d.
— Postal Service (Brit.) **18**-306c fol.
— Rate Regulation Act, (1906, U.S.) **22**-829b.
— Rates Tribunal (Brit.) **18**-931d fol.; **10**-716b.
— Regulation Act (1893, Eng.) **13**-539c.
RAILWAYS **18**-916a; air-transport **22**-419b; Pl. I. fig. 3 **21**-SWITZERLAND; Europe **8**-884a; Gt. Brit. **10**-715d; **10**-723a; **18**-933d; indus. rev. **12**-304d; military **2**-388c; **8**-452a; **15**-914c; **16**-867b; post office **18**-316a; tramway **22**-396c; tube Pl. I. **22**-TUBE RAILWAYS; U.S. **18**-935b; **16**-162a; in World War **12**-364c.
—: *Construction:* **18**-922b; electrification **18**-928d fol.; **8**-157b; **8**-285a; equipment **1**-753a; locomotives **14**-283b; **15**-878a; lumber consump. **14**-479d; rolling stock **18**-946d; signals **18**-950c; **9**-438c; **6**-219b; Pl. II. fig. 6 **6**-CONDENSER (ELECTRICAL); stations **18**-925c; **12**-285a fol.; tools **18**-99b; tunnels **22**-570d; steel consump. **12**-666c; stereocomparator **3**-587c; track scales **23**-482c.
—: *Economics and Legislation:* **22**-417b; capital **18**-930c; expend. and rcpts. **18**-931c; evaluation **22**-960a; legislation **6**-150b; **18**-933a: *see also* Railways Acts; organization **18**-932d; public utilities **18**-745a fol.; int. regulation **12**-532c; scandals **22**-817b; traffic **18**-932b; valve **23**-450b; war control **12**-311c.
—: *Operation:* accidents **18**-921d; **12**-277b; brakes **4**-23d fol.; cars **5**-452b; coaling **14**-286a; container service **15**-924a; labour **18**-940b; **5**-10b; terminals **18**-942d fol.; traffic **18**-932a; train control **18**-952a; *see also* under the various countries.
—, narrow gauge: *see* Light railways, military.
— Act (Eng., 1921) **6**-150b; **18**-958b fol.; **18**-930d; **18**-933c; amalgamation **18**-917c; control **10**-716b; Fed. of Brit. Ind. **9**-140a; labour **13**-539c.
— Act (1924, Ire.) **12**-635c.
— Act, Regulation of (1844, Eng.) **18**-923d.
— Act Amendment Act (1872, Queens.) **18**-845c.
— Clauses Acts (Eng.) **6**-150a.
Railway spine: *see* Traumatic neurasthenia.
— Steel-spring Company **1**-796a.
— Trainmen, Brotherhood of **18**-940c.
— Tube **18**-953a.
Raimbaut life of **22**-499d.
Raimbert of Paris (poet) **5**-234d.
Raimer, Wash. [**24**-150 C4].
Raimeux, mt., Switz. [**24**-30 C2].
Raimon V. (count Toulouse) **18**-639b.
Raimondi, Marcantonio (It. engr.): *see* Marcantonio.
Raimondo, Fra **5**-37a.
Raimund, F. **10**-227a.
Rain, Ger. [**24**-39 F5].
RAIN: *see* Meteorology.
Rainalucci da Corvara, Pietro (pope): *see* Nicholas V.
— Fall, Af. **23**-138b.
— Junction, Utah [**24**-152 E3].
— Lake, N.Y. [**24**-103 F1].
Rainbow, O. [**24**-125 D4].
—, Utah [**24**-152 E3].
—, pt., Fla. [**24**-115 F3].
"Rainbow" (Can. cruiser) **4**-697a.
RAINBOW (meteorol.) **18**-953a; **11**-110d; colours **6**-54c; white **9**-438b.
— (myth.) **12**-627c.
— (restaurant, Lond.) **19**-229c.
— Bridge, natl. monument, Utah [**24**-152 D5]; Natl. Park **16**-156a; **22**-909c.
— dishes (money) **2**-256d.
— Mask Pl. III. fig. 3 **15**-MASKS.
— **TROUT** (fish) **18**-954c; Pl. II. fig. 7 **9**-FISHES; **1**-935a fol.; **22**-500d.
Rainey, Fr. **23**-20a.
Rainer, Adelaide (It. q.) **23**-123b.
—, **ARCHDUKE OF AUSTria** **18**-954c.
— Lombardy **11**-59c.
— Charles (Tuscany) **11**-59b.
— Papyrus **18**-954d.
Rainey Wild Life Sanctuary: *see* Paul J. Rainey Wild Life Sanctuary.
Rainfall **19**-208b; **10**-151b; Africa **1**-294d fol.; catchment areas **5**-25b; forests **9**-500b; India **9**-64b; variation **15**-347d; U.S. **1**-406d; — run-off (engin.) **20**-405c.
Rainford, Lancs., Eng. [**24**-13 B4].
Rain gauge Pl. fig. 3 **5**-CLIMATE AND CLIMATOLOGY.
Rainham, Eng. [**24**-15 D4].
—, Ont., Can. [**24**-90 C3].
RAINIER, mt., Wash. [**24**-150 D4; **24**-188 B1]; **18**-954d; **22**-722d; **4**-960c; **23**-387b.
Rainilliarivony **18**-970b; **14**-605c fol.
RAINIS, JAN (Pleekschans Jan) **18**-954d.
Rain-maker il. **1**-295.
RAINOLDS (REYNOLDS), John **18**-955a.
Rainov, Nicolai **4**-369d.
RAIN-PROOF FABRICS **18**-955a.
— -quail **18**-810d.
Rains, co., Tex. [**24**-123 G3].
—, Ala. [**24**-118 C1].
—, S.C. [**24**-113 E2].
—, Utah [**24**-152 D3].
— (bibl.) **17**-120a.
Rainsboro, O. [**24**-125 B4].
Rainsburg, Pa. [**24**-106 C4].
Rain shadow **5**-817b.
— -**TREE** **18**-955d.
Rainulf I. (count, Poitiers) **2**-167d.
— II. (count, Poitiers) **2**-167d.
Rain water **18**-85b; plumbing fig. 1 **19**-946; **14**-85a.
Rainworth, Notts., Eng. [**24**-14 B2].
RAINY, ROBERT (Scot. cler.) **18**-955d.
—, lake, Can. [**24**-134 E3; **24**-180 H1]; **15**-560a.
—, pass, Wash. [**24**-150 E2].
—, riv., Man., Can.: *see* Winnipeg, riv.
— Butte, tn. and mt., N.Dak. [**24**-136 B3].
— Hill, Inner, mt., Alta., Can. [**24**-91 D3].
— Hill, Outer, mt., Alta., Can. [**24**-91 D3].
— River, Minn. [**24**-134 D3].
— seasons **5**-818b.
Raipur, Satyendra Prassano Sinha, 1st baron of: *see* Sinha, Satyendra Prassano, 1st baron of Raipur.
RAIPUR, India [**24**-67 D2]; **18**-955d.
RAIS (RETZ), GILLES DE **18**-956a; **3**-755b.
—, Karel V. **6**-966a.
— (title) **4**-828a.
Raise **6**-876d.
Raised beach **10**-162b.
— cheque **3**-39c.
— three centered arch il. **2**-232c.
RAISIN **18**-956c; **9**-887b; Pl. II. fig. 5 **9**-FRUIT FARMING.
— de Corauntz: *see* Currant-grape.
Raising (fabric weaving): *see* Perching.
— men for rank (mil.) **10**-679b.
"Raising of Lazarus, The," Pl. II. fig. 1 **21**-STONE CARVING.
"Raising of Lazarus" (Sebastiano del Piombo) **20**-255d.
Raising of Lazarus, The (Barnett) **3**-123d.
"Raising of the Cross" (paint., Rubens) **19**-612b.
Raisin Muscat (grapes) **9**-885c.
Raiyan, Egy. [**24**-79 C2].
Raja, mt., Bor. map **3**-905.
— (title) **4**-978d.
— Bhoj's school **7**-300d.
Rajačić **6**-731a.
Rājagrha, India **12**-216c; **12**-222a.
RAJAH (Hindu title) **18**-956d.
RAJAHMUNDRY, India [**24**-67 D3]; **18**-957a.
Rājamrigāka (Bhōja) **5**-657a.
Rājanya (caste): *see* Kshatriya.
Rajapur Sangti, India [**24**-67 B3].
Rajaraja (the Great) (k. Chola) **4**-893b.
Raja Rani (temple) **18**-777a.
Raja-Ratta, Ceylon **5**-180d.
Rajas (philos.) **12**-251b fol.
Rājaśekhara (dram.) **7**-578d; **18**-417d.
Rajasthani, Rajput (Indian art.) Pl. I. fig. 3 **23**-WATER COLOUR PAINTING.
RAJASTHANI LANGUAGE **18**-957a; **12**-239b.
Rajatarangini (hist. poem) **13**-290b; **19**-964c.
Rajavalipataka (hist., Prajnia Bhatta) **13**-290b.
Raja-yoga (philos.) **12**-164a.
Rajbansi (tribe): *see* Koch.
Rajendra Choladeva I. (k. Chola) **4**-893b.
RAJGARH, state, India [**24**-67 C2]; **18**-957a.
Rajgir, India: *see* Rajagriha.
— **HILLS**, India **18**-957a.
Rajgonds (people) **10**-514c.
Rajib, Trans-Jordan [**24**-60 D3].
Rajić, Jovan **20**-357b.
RAJKOT, India [**24**-67 B2]; **18**-957b; **13**-295b.
Rajkumar Coll. (India) **18**-956a.
Rajmahal, hills, India [**24**-66 B2]; **3**-325a; **19**-975c.
RAJMAHAL, India **18**-957c.
Rajnagar: *see* Nagar, India.
Raj Nandgaon, India [**24**-67 D2].
Rajnis, Jozsef (pseud.): *see* Pleiksans, Jan.
RAJPIPLA, state, India **18**-957c.
RAJPUT (Indian castes) **18**-957d; **12**-217d; **12**-224c.
RAJPUTANA, states, India; [**24**-65 C3]; **18**-958a; Pl. XII. fig. 1 **12**-INDIAN AND SINHALESE ART & ARCHAE.; agriculture **12**-690d; chronicles **11**-571d; famine **9**-64b fol.
—, desert, India **12**-869b; salt lakes **12**-229a.
Rajputs (people) **18**-773b.
Rajput school Pl. X. figs. 1-4 **12**-INDIAN AND SINHALESE ART AND ARCHAEOLOGY.
RAJSHAHI, dist., India **18**-959a; **3**-405a; **18**-959a; **7**-861c.
Rajura, India [**24**-67 C3].
Rājyābhishēka - Saka era (chron.) **5**-657c.
Rak (liquor): *see* Arrack.
Rakahanga, isl., Pac.O. [**24**-174 F6].
Rakai, Ugan. [**24**-83 F3].
Rakaia, N.Z. [**24**-173 D5].
—, riv., N.Z. [**24**-173 C5].
Rakan, Ras, cape, Arab. [**24**-62 E2].
Rakas Tal, Tib. [**24**-65 E2].
Rakata, Krakatoa **13**-499a.
Raka Tsangpo, riv., Tib. [**24**-66 B1]; **3**-1017a.
Rakay, Fr.W.Af. [**24**-80 D3].
Rake, Ia. [**24**-138 D1].
— (agri.) **11**-282c; il. **1**-425.
— (mech.): *see* Steering angle.
"Rake's Progress" (Hogarth) **11**-625b.
Rakhiya, Wadi, riv., Arab. [**24**-62 D4].
Rakhshan, riv., India [**24**-65 A3].
Raking shore (Raker) (engr.) **20**-574a.
Rakiškis, Lith. [**24**-47 C3].
Rakiura, isl., N.Z.: *see* Stewart.
Rakka, 'Iraq **8**-818a; **15**-293c; **18**-371b; Pl. XLIII. fig. 2 **18**-POTTERY AND PORCELAIN.
Rakkestad, Nor. [**24**-44 D2].
Raklia, isl., Gr.: *see* Heraclea.
Rako, Minn. [**24**-134 D3].
RAKOCZY (fam.) **18**-959a.
— (Francis II., Transylvania) **11**-907d.
—, George (Transyl.) **22**-141c.
—, spring, Ger. **13**-418c.
Rakovnik, Czech. [**24**-39 J3].
Rakovski, G. S. (Bulg. poet) **4**-368b.
RAKOVSKY, CHRISTIAN G. **18**-960a.
Rakshan, riv., Bal. **3**-6d.
Raku ware **18**-370a.
Rakwere (Vezenberg), Est. [**24**-47 D1].
Ralbag (Heb. au.): *see* Levi ben Gershom; *see also* Gersonides.
Ralegh arms fig. 3 **11**-461.
RALEIGH, SIR WALTER (expl.) **18**-960b; **11**-217a; **19**-886a; colonies **1**-748d; **23**-187b; **21**-935b; potato **8**-607a; **18**-328d; El Dorado **8**-131c; Spain **8**-517c.
—, **SIR WALTER** (writ.) **18**-961c; **18**-593b.
—, co., N.S.W., Austr. [**24**-171 L3].
—, co., W.Va. [**24**-111 B4].
—, Fla. [**24**-115 F2].
—, Ga. [**24**-114 B4].
—, Ill. [**24**-129 D6].
—, Miss. [**24**-119 C3].
RALEIGH, N.C. [**24**-112 G2; **24**-95 L3]; **18**-961d; **1**-766c.
—, N.S.W., Austr. [**24**-171 L3].
—, N.Z. [**24**-173 B5].
—, Tenn [**24**-117 B2].
—, W.Va. [**24**-111 B4].
—, bay, N.C. [**24**-112 J3].
—, riv., N.Dak. [**24**-136 C3].
— (cruiser) **6**-770c.
— (club) **5**-800c.
— (tavern, Va.) **23**-383a.
— current balance il. **6**-881.
Raleigh Register (N.C. period.) **15**-170b.
Ralik, isls., Pac. O. **17**-10b.
Rall **1**-798d.
— (abbrev.) **1**-26b.
Rallidae (bird, fam.) **6**-393d; **9**-986a; **51**-786c; **18**-915d.
Ralls, co., Mo. [**24**-141 F2].
Rallus aquaticus (bird): *see* Water-rail.
— crepitans: *see* Clapper rail
— virginianus: *see* Virginian rail.
Rally (tennis) **13**-785a.
RALPH (archbp. of Canterbury) **18**-962a; **4**-766d.
—, J. C. **2**-506a.
Ralph, Ala. [**24**-118 B2].
—, Ark. [**24**-120 C1].
—, Mich. [**24**-130 D3].
—, Okla. [**24**-143 D3].
—, S.Dak. [**24**-137 A1].
—, Tex. [**24**-122 D2].
— (Ranulf or Randulph) de Blundevil, earl of Chester: *see* Chester, Ralph de Blundevill, earl of.
— d'Escures: *see* Ralph (archbp. of Canterbury).
— (Randulph) de Gernon, earl of Chester: *see* Chester, Ralph (or Randulph) de Gernon, earl of.
— de Guader, earl of Norfolk **16**-488b.
— de Turbine: *see* Ralph (archbp. of Canterbury).
— of Aix **23**-611a.
— **OF COGGESHALL** **18**-962b.
Ralph Roister Doister (play, Udall) **7**-598c; **8**-577a; **14**-221d; **22**-660d fol.
Ralston, Ia. [**24**-138 C2].
—, N.Dak. [**24**-136 C1].
—, Neb. [**24**-139 H3].
—, N.J. [**24**-105 B2].
—, Okla. [**24**-143 G2].
—, Pa. [**24**-107 E2].
—, Tenn. [**24**-117 C1].
—, Wash. [**24**-150 G4].
—, Wyo. [**24**-146 C1].

Ralte (measure) **15**-141c.
R.A.M. (abbrev.) **1**-26b.
Ram, Pal. [**24**-60 C4].
—, isl., N.Ire. **2**-84d.
RAM (animal) **18**-962b; **2**-98b; **8**-59c fol.
— (machinery) **5**-984a.
— (mil.) **9**-525b.
—, hydraulic (mech. device) **18**-765d; **18**-84d; Pl. III. fig. 1-I **18**-POWER TRANSMISSION.
—, The (astron.): *see* Aries.
Rama, N.C. [**24**-112 E2].
—, Nic. **16**-413c; **5**-180c; **19**-963b; **18**-963d.
— (myth.) **7**-578c fol.; **11**-166c; Vishnu **11**-578c fol.
— (rel.) **11**-572d; **12**-164b.
RAMA, tribe, Nic. **18**-962c; map **5**-130.
RAMADAN (month) **18**-962c; **8**-38c; Fasting **9**-107a; **12**-709b.
Ramadhan el Shtewi Tripolitania hist. **22**-484c.
RAMADI, 'Iraq [**24**-61 A3]; **18**-962d; **15**-293c; capture **15**-301b.
Ramage, Adam **18**-500c.
Ramah, Colo. [**24**-147 F2].
—, Lab. [**24**-93 D1].
—, N.Mex. [**24**-148 A3].
—, Pal. **2**-495c; map **17**-129.
Rama Kamheng (k. Siam) **20**-594c.
Ramal, Walter (pseud.): *see* De la Mare, Walter.
Ramalho, mts., Braz. [**24**-164 B3].
Ramalina (bot.) **14**-30c; fig. 6 **14**-30.
Ram Allah, Pal. map **17**-118.
Raman, Chandrasekhara V. (phys.) **18**-962d.
Rāmānand (Hindu theol.) **11**-572d; **12**-164b; **18**-963d; **20**-647b.
Ramanandis (sect): *see* Ramats.
RAMAN EFFECT (optics) **18**-962d.
Rāmānuja (theol.) **11**-572c; **12**-252d; **18**-963c; **19**-968c.
RAMANUJAN, SRINIVASA (Indian math.) **18**-963b.
RAMANUJAS (sect) **18**-963c.
Ramapo, riv., N.J. [**24**-105 B1].
RAMA'S BRIDGE (sandbank): *see* Adam's Bridge.
Ramathlabama, Bech. [**24**-81 D3].
RAMATS (sect) **18**-963d.
Ramatta Galla (tribe) **9**-982c.
Ramayana (Hindu epic) **5**-180c; **11**-166c; Hinduism **11**-578a; **12**-162b; Sanskrit **19**-954b; date **22**-541b; described **19**-963b.
Rāmāyanam (Tamil epic) **21**-774c.
Ramavats (sect): *see* Ramats.
Ramazan (fin.) **22**-594d.
Rambam (Jewish philos.): *see* Maimonides.
RAMBAUD, ALFRED (Fr. hist.) **18**-964a.
— of Orange (troubadour) **22**-499a; **22**-499c.
Rambaut, A. A. **11**-329c.
Rambervillers, Fr. [**24**-25 M3].
Rambi, isl., Fiji Is. [**24**-176 F2].
Rambler (period. c. 1750) **13**-111c; **8**-717a; **16**-336a.
Rambler (Rom. Cath. mag.) **1**-141a.
Rambler rose **11**-776d.
Ramblers (bot.) **13**-993d.
RAMBOUILLET, CATHERine de Vivonne, marquise de **18**-964a; **15**-668d.
RAMBOUILLET, Fr. [**24**-24 G3]; **18**-964c; **20**-284c.
—, Chateau de Pl. VII. fig. 6 **23**-WOOD CARVING.
—, Hôtel de **18**-964a.
— (sheep) **15**-280c; Pl. I. figs. 4 and 5 **20**-SHEEP; **20**-477c; wool **23**-731b.
R.A.M.C. (abbrev.) **1**-26b; *see also* Royal Army Medical Corps.
Rām-charit-mānas (Hindu poem): *see* Rāmāyan.
Ram Das **1**-851a; **14**-857c; **20**-647c.
Rame, Pal. [**24**-60 C2].
Ramea, isl., Nfd. [**24**-93 B3].
RAMEAU, JEAN PHILIPPE **18**-964c; **5**-763b; **11**-209a; **1**-80c; chamber music **5**-208c; influence on opera **16**-11b.
Ramée, Louise de la (Eng. nov.): *see* Ouida.
RAMÉE, PIERRE DE LA: *see* Ramus, Petrus.
Ramegnies **9**-811c.
Rameh, Pal. [**24**-60 C3].
RAMEK, RUDOLF **18**-964d; **2**-773b.
Ramel Ali, region, Arab. [**24**-62 C2].
Ramels Berg, mt., Ger. [**24**-38 F2].
Ramelton, Ire. [**24**-20 D1].
Ramenghi, Bartolommeo: *see* Bagnacavallo, Bartolommeo.
Ramer, Ala. [**24**-118 C3].
—, Tenn. [**24**-117 C2].
Ramerupt, Fr. [**24**-25 K3].
Rames, J. B. (archae.) **8**-635a.
Rameses I. (of Egy.) **5**-654a; **8**-73c.
— II. (Egy. k.) **8**-73d; **17**-125a; **22**-46a; arts **8**-48d; army **8**-55b; Canaan **4**-689c; Hittites **22**-504b; Jews **8**-972b; library **14**-1d; Phoenicia **17**-766d; temples **1**-68b; **8**-107d; **14**-505a; Sesostiris **20**-377b.
— III. (Egy. k.) **8**-74b; **17**-125a; Palestine **22**-504b; temple **22**-46a; **8**-51a; **8**-55a.
— V. **4**-865b.
— IX. (k. Egy.) **8**-74d.
— XII. (k. Egy.) **8**-74d.
RAMESES (RAMESSES), Egy. **18**-965a.
Ramesgate, Kent, Eng.: *see* Ramsgate.
Rameshwar Singh Bahadur maharajadhiraj of Darbhanga **7**-50a.
RAMESSES, Egy.: see Rameses.
Ramesseum (temple, Thebes) **8**-108d; **22**-46a.
RAMESWARAM, India [**24**-67 C5]; **18**-965b; **7**-300b; **5**-176d.
Ramey, Minn. [**24**-135 E6].
—, Pa. [**24**-106 C3].
Ramganga, riv., India **3**-107d; **11**-189d.
Ramgarh, hill, India **20**-719a.
—, coal-field, India **5**-625b.
Rāmgarhias (sect) **20**-648b.
Ram Head, cape, Vict., Austr. [**24**-171 J6].
— Hormuz, Pers. **13**-368a.
Ramhurst, Ga. [**24**-114 B2].
Rami (feather): *see* Barb.
— communicantes (anat.) **16**-239d.
RAMIE (plant product) **18**-965b; **5**-518d; **9**-214a.
Ramilletes de Madrid, Los (Lope de Vega) **23**-25d.
RAMILLIES, Belg. [**24**-29 C4]; **18**-966a.
— (battle, 1706) **8**-524b; **14**-923c; **21**-166b.
Ramírez de Fuenleal, Sebastián **18**-753d.
Ramiro (k. of Sp.) **1**-687a.
Ramishk, Pers. [**24**-63 D3].
Ramitha, Syr. (anc.): *see* Latakia.
Ramkola, India [**24**-67 D2].
Ramkrishna Vithal: *see* Bhau Daji.
Ramle, Pal. [**24**-60 B4]; **8**-81c.
Ramler, K. W. **10**-224a; **13**-966d.
Ramlösa, Swed. **11**-413b.
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— et Imperator **1**-26b.
Rexford, Kan. [**24**-142 B2].
—, Mont. [**24**-144 A1].
Rexmere, La. [**24**-121 C2].
Rex Nemorensis **7**-321c; **23**-178d.
— powder **8**-988a.
— sacrorum **18**-210a; **12**-893c.
Rexton, Mich. [**24**-130 F3].
—, N.B., Can. [**24**-88 E2].
Rexville, N.Y. [**24**-102 C3].
Rey (Fr. gen.) **9**-821c fol.
Rey, Vara del **21**-151c.
— (San Miguel), isl., Pan. [**24**-158 J6].
—, El, isl., Medit.: *see* El Rey.
—, mt., Sp. [**24**-32 E3].
Rey abajo ninguno, Del (Zorilla) **7**-593d.
Reyau **16**-911b.
Reybaz, E. S. **15**-586d.
Rey Chico, El: *see* Mohammed XI. (of Granada).
Reydarfjördr, fjord, Ice. map **12**-43c.
Reyer, Ernest (mus.) **7**-747d.
Reyes, I. **17**-729a.
Reyes, Bol. [**24**-162 D6]; **18**-43a.
—, Mex. [**24**-158 D4].
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Reygate, Sur., Eng.: *see* Reigate.
Reykianes, penin., Ice. **12**-[illegible] map **2**-295 (I5).
Reykjavik, Ice. [**24**-6 A3]; **12**-[illegible] theatre **12**-55c.
Reyles, Carlos (Sp-Am.) **21**-150b.
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Reynard, Nev. [**24**-153 A2].
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Reyno, Ark. [**24**-120 E1].
Reynold, Conn. [**24**-101 B1].
—, S.C. [**24**-113 C3].
Reynolds, F. **7**-603d.
—, J. E. (phys.) **4**-628c.
—, J. F. (gen.) **10**-318b fol.
—, John (cler.): *see* Rainolds.
—, **JOHN F.** (sol.) **19**-242d.
—, **SIR JOSHUA** **19**-242d; **8**-591c; appraisal **18**-267b; Cousins **6**-613c; Gainsborough **9**-968b; Hunter **11**-920d; Malone **14**-730c; "Nelly O'Brien" Pl. IX. fig. 4 **17**-PAINTING; Romney **19**-520d; pres. R. A. **1**-88c; sale prices **2**-482d fol.; Somerset House **5**-715c; stained glass **21**-295b: "Two Gentlemen" Pl. III. fig. 5 **16**-OIL PAINTING, TECHNIQUE OF; **17**-53c.
—, Osborne **1**-236a; bearing lubrication **3**-261d fol.; **14**-454b; critical velocity **22**-856b; Froude's dynamometer **11**-964a; hydraulics **11**-966a; **7**-814b; **11**-990c; radiometer **18**-900b; thrust-block **12**-510c.
—, S. W. Pl. fig. 4 **15**-MEZZOTINT.
—, **STEPHEN** (au.) **19**-244a.
—, S. W. (Eng. engr.) mezzotint **15**-403c.
—, **WALTER** (archbp.) **19**-244b; **4**-766d.
—, Capt. W. F. (expl.) **23**-885a.
—, William (engin.) **20**-588c.
—, Ida. [**24**-145 B6].
—, Ill. [**24**-128 B2].
—, Ind. [**24**-126 B2].
—, La. [**24**-121 B2].
—, N.Dak. [**24**-136 G2].
—, O. [**24**-125 B3].
—, Okla. [**24**-143 H4].
—, mts., Central Aus., Austr. [**24**-192 C2].
— airport (Mich.) **12**-855d.
Reynold's Illustrated News **18**-885b; **16**-342c.
Reynolds number **1**-236a; **22**-856b.
Reynoldsville, Ill. [**24**-129 C6].
—, N.Y. [**24**-102 D3].
—, Pa. [**24**-106 C2].
Reynosa, Mex. [**24**-158 E2].
Reyssouze, riv., Fr. **4**-93b.
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REZANOV, N. PETROVICH de **19**-244b; **19**-944c.
Rezat, riv., Ger. [**24**-39 F4].
Rezé, Fr. [**24**-24 D4].
REZEKNE (RYEZHITSA), Latvia [**24**-47 D2]; **19**-244d.
Rezeni, Rum. [**24**-53 E2].
Rezon (k. of Damascus) **7**-1d; Solomon **20**-952d; Tiglath-Pileser III. **22**-209d.
— (k. of Syr.): *see* Rasun.
— (k. of Zoba) **7**-1b.
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R. F. C. H. Q., 1914-18 (Baring) **3**-112a.
R.F.D. (abbrev.) **1**-26b; *see* Rural Free Delivery.
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Rh (symbol): *see* Rhodium.
Rha, riv., U.S.S.R.: *see* Volga.
Rhabdites (zool.) **22**-573b fol.
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Rhabdomys **19**-374b.
Rhabdo-pleura **18**-730d.
Rhaboenemis obscura: *see* Sugar cane borer.
Rhachianectidae **5**-169b.
Rhacinactes glaucus: *see* Grey whale, Pacific Gray whale.
Rhachis: *see* Shaft.
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Rhamnose **10**-444a.
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— catharticus: *see* Buckthorn.
— Frangula: *see* Berry-bearing alder.
— Purshiana **4**-322c.
— Zeyheri: *see* Red ivory.
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Rhangabé, Michael **5**-258b.
Rhangabès, A. R. **7**-592d.
—, Kleun **7**-592d.
Rhangabé, A. R. excavations **2**-335c.
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Rhapsode (Gr.) **10**-833c; **11**-600c fol.
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Rhapsody in Blue (Gershwin) **10**-314b; appraisal **12**-983d; **3**-756d.
Rharian, plain, Gr. **8**-350d.
RHATANY (KRAMERIA Root) (bot.) **19**-245d.
Rhätikon, mts., Alps **23**-254b.
Rhaxella Chert **13**-194b.
Rhayader, Wales [**24**-16 C2].
Rhazes (Arab) **2**-814b; **5**-356b.
Rhizüns, Switz. [**24**-31 G3].
Rhea, co., Tenn. [**24**-117 G2]; **7**-95c.
—, Ark. [**24**-120 A1].
—, Okla. [**24**-143 D3].
— (astron.) **20**-9b.
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RHEA (bird) **19**-245d; **9**-131a; darwini **19**-245d; macrorhyncha **19**-245d.
— (product): *see* Ramie.
— americana: *see* South American ostrich.
— Cybele (myth.) **7**-178d.
— Silvia (vestal) **19**-521d
— Springs, Tenn. [**24**-117 G2].
Rheda, Ger. [**24**-38 D2].
Rheden, Holl. [**24**-28 E2].
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—, N.Y. [**24**-102 C3].
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—, N.Dak. [**24**-136 C2].
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Rheinische Creditbank **7**-281b.
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Rheita, A. M. Schyrlaeus de **3**-583b.
Rhemes and Douai Version **3**-533c; **7**-548a; re-edited **5**-197b.
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RHENANUS, BEATUS **19**-246b.
Rhenela, isl., Aeg.S. **7**-173c.
Rhenen, Holl. **11**-646b.
Rhenish Franconia, dist., Ger: *see* Franconia.
— Prussia, prov., Prus.: *see* Rhine Province, prov., Prus.
— Friedrich Wilhelm university: *see* Bonn, Ger.
RHENIUM (DVI-MANGAnese) (chem.) **19**-246c.
Rhenoster **21**-47a; **4**-778c.
Rhenus, riv., Rom. Emp. [**19**-500 D2].
RHEOBASE: *see* Chronaxie.
Rheoboths (tribe): *see* Bastaards.
RHEOSTAT **19**-246c; **8**-306a.
Rheotropism **22**-497a.
Rhergo, Fr.Sud. [**24**-80 D2].
Rhesis (lit.) **1**-582a.
Rhesus (Euripides) **8**-823d.
Rhesus (myth.) **11**-700c.
— **MONKEY** **19**-246c; **18**-488b; yellow fever **23**-883d.
Rhetic (dialect) **19**-245a.
RHETICUS (RHAETICUS) (astron.) **19**-246c; **15**-80a.
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Rhexia ciliosa: *see* Ciliate meadow beauty.
— mariana: *see* Maryland meadow beauty.
— virginica: *see* Meadow beauty.
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Rhinarium **4**-897a.
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—, riv., Ger. falls [**24**-31 F1].
—, (Rijn), riv., Holl. [**24**-28 C2].
— (wine) **23**-656b.
—, Confederation of the (1806) **10**-278d; Napoleon I. **16**-89c; purpose **10**-271d.
—, Federation of the (1790) **1**-701d.
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— pernizer **5**-599c.
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—, co., S.Aus. [**24**-170 B4].
—, Ark. [**24**-120 A1].
—, Ill. [**24**-129 E4].
—, Kan. [**24**-142 G2].
—, Ky. [**24**-116 F2].
—, Minn. [**24**-134 F4].
—, Miss. [**24**-119 B1].
—, N.Dak. [**24**-136 E2].
—, brook, Nfd. [**24**-93 A2].
—, cape, Nfd. [**24**-93 A2].
—, lake, Wis. [**24**-132 B3].
—, mt., S.Aus. [**24**-170 C1].
—, mts., W.Aus. [**24**-168 B4].
— Bar, Ida. [**24**-145 D5].
Robinson Crusoe (Defoe) **7**-139c; **8**-589d.
Robinson cup anemometer **1**-918b.
Robinsons, Ind. [**24**-127 B4].
—, Me. [**24**-96 E2].
—, Nfd. [**24**-93 A2].
Robinsonville, Del. [**24**-109 D2].
—, Miss. [**24**-119 B1].
Robin's pincushion (gall) **9**-988c.
Robinvale, N.S.W., Austr. [**24**-170 F5].
Robinwood, N.Y. [**24**-103 F1].
Robles, Eulogio (Chili) **5**-499b.
—, Francisco (Ec.) **7**-944a.
Roboredo, mts., Port. [**24**-32 C2].
Roborough, Eng. [**24**-17 B4].
ROBOT 19-359c.
ROB ROY (outlaw) **19**-360b, **7**-140a.
— Roy (trav.): *see* MacGregor, John.
— Roy, Ark. [**24**-120 D3].
— Roy, Ind. [**24**-126 A2].
"Rob Roy" (canoe) **4**-752c.
Rob Roy, cave, Scot. **14**-346a.
ROBSART, AMY 19-360c; **13**-888d.
Robson, Newby **8**-98b.
—, B.C., Can. [**24**-92 F5].
—, La. [**24**-121 A1].
—, mt., B.C., Can. [**24**-187 D3]; Pl. fig. 2 **19**-ROCKY MOUNTAINS; **4**-692d.
Robstown, Tex. [**24**-123 F6].
Roburite **8**-988a.
Robusti, Jacopo: *see* Tintoretto.
Roby, Ill. [**24**-129 C4].
—, N.H. [**24**-97 C3].
—, Tex. [**24**-122 D3].
Robyn Hode, A Lytell Geste of **19**-357d.
Robyville, O. [**24**-124 E3].
ROC 19-360c; **1**-223a.
Roca, Julio A. **2**-329c.
—, Vicente R. **7**-944a.
—, Neb. [**24**-130 H4].
—, capé, Port. [**24**-32 B3]; **5**-715a.
Rocafuerte, Vicente **7**-944a.
Rocail (material) **3**-252a.
ROCAILLE (arch.) **19**-360d; **12**-483c.
ROCAMADOUR, Fr. **19**-360d.
ROCAMBOLE 19-361a.
Roca Partida, isl., Mex. **19**-240d.
Rocca (Inca): *see* Sinchi.
Rocca Imelone, mt., It. [**24**-34 A2].
Rocca Monfina, mt., It. **17**-777a.
— Ravaldina (citadel, Forlì, It.) **9**-512b.
Roccasecca, It. **4**-675b; battle (1411) **13**-86c.
Rocco, St.: *see* Roch.
Rocella, It. [**24**-35 F5].
— (plant) **14**-30c.
— fuciformis **2**-268d.
— tinctoria **2**-268d.
Rocester, Staffs., Eng. [**24**-14 B3].
ROCH, ST. 19-361a.
—, Wales [**24**-17 A3].
Rocha, Alexandre Alberto Serpa Pinto de la: *see* Serpa Pinto.
Rocha, Diego da **17**-10a.
— Lima (sci.) **8**-628a.
Rocha, Urug. [**24**-165 F3].
—, riv., Bol. **5**-938c.
ROCHAMBEAU, JEAN B. D. de Vimeur, Comte de **19**-361a; **22**-788c; **23**-901d.
ROCHDALE, Lancs., Eng. [**24**-16 D1]; **19**-361c; **19**-749c; co-operative experiment **6**-383d; flannel mfr. **9**-358c.
—, Mass. [**24**-98 C1].
— **(EQUITABLE) PIO**neers: *see* Co-operation: *see also* **6**-383d; **8**-535b; **15**-616c.
Roche, de la (Burgundian fam.) **10**-786d.
—, Switz. [**24**-30 B4].
Rochebrune, mt., Fr. [**24**-27 K3].
Rochechouart, Fr. [**24**-26 D2]; **11**-258c.
ROCHEFORT, HENRI, Marquis de Rochefort-Luçay **19**-361d; **15**-410a.
ROCHEFORT, Belg. [**24**-29 D4]; **19**-362a.
ROCHEFORT, Charente-Inférieure, Fr. [**24**-26 C2]; **19**-362a.
—, Jura, Fr. [**24**-25 L4].
—, Morbihan, Fr. [**24**-24 C4].
—, Puy-de-Dôme, Fr. [**24**-26 F2].
Rochefoucauld, François, duc de la **9**-790b; Sévigné **20**-398d.
Roche-Guyon, Fr. **20**-284d.
Roche Harbor, Wash. [**24**-150 B2].
Rochelle, Fla. [**24**-115 F2].
—, Ga. [**24**-114 C5].
—, Ill. [**24**-128 C2].
—, La. [**24**-121 B2].
—, Tex. [**24**-123 E2].
—, Va. [**24**-110 F2].
—, Wyo. [**24**-146 H2].
Rochelle (wine) **23**-656b.
Rochelle Park, N.J. [**24**-104 C2].
Rochelle salt (drug) **21**-823d; **21**-12b.
Rochemaure, Fr. [**24**-27 H3].
Rochemelon, mt., Alps **1**-694b.
Roche Percée, Sask., Can. [**24**-91 F4].
Rocheport, Mo. [**24**-140 E3].
Rocher (Fr. chem.) **7**-430b.
Rocher d'Antioche, rocks, Fr. [**24**-26 B1].
Rochers de Naye, mt., Switz. [**24**-30 C4]; **15**-772a.
Roches, Peter des: *see* Peter des Roches.
—, William des: *see* William des Roches.
Roches-Baritaud, Claude de Beauharnais comte des **3**-273c.
Rocheservière, Fr. [**24**-24 D5].
Roches moutonnées (geol.) **10**-160d.
Rochester, Henry Wilmot, 1st earl of **10**-735c.
—, **JOHN WILMOT**, 2nd earl of **19**-362b; **8**-588a.
—, **LAWRENCE HYDE**, earl of **19**-362c.
—, Robert Carr, viscount, earl of Somerset: *see* Somerset.
—, Nathaniel (Am. pioneer) **19**-364b.
—, Ill. [**24**-129 C4].
—, Ind. [**24**-126 B1].
ROCHESTER, Kent, Eng. [**24**-15 D4]; **19**-362d; castle **5**-4d; Pl. III. fig. 3 **5**-CASTLES.
—, Mass. [**24**-99 D2].
—, Mich. [**24**-131 H7].
ROCHESTER, Minn. [**24**-135 F7]; **19**-363b.
—, Nev. [**24**-153 B2].
ROCHESTER, N.H. [**24**-97 C3]; **19**-363c.
—, Northumb., Eng. [**24**-12 B2].
ROCHESTER, N.Y. [**24**-102 C2]; **19**-363c; pop. **22**-736b.
—, O. [**24**-124 C2].
ROCHESTER, Pa. [**24**-106 A3]; **19**-364c.
—, Tex. [**24**-123 E3].
—, Utah [**24**-152 C4].
—, Vict., Austr. [**24**-171 G6].
—, Vt. [**24**-97 B3].
—, Wis. [**24**-133 E7].
—, University (N.Y.) **16**-20d, **22**-882a.
— Junction, N.Y. [**24**-102 C3].
— Mills, Pa. [**24**-106 D3].
— School for the Deaf **7**-103c.
— shale (geol.) **20**-679d.
Roche-sur-Yon, François Louis de Bourbon, prince de la: *see* Conti.
ROCHET (vestment) **19**-364c.
Rochford, George Boleyn, viscount **3**-807d.
ROCHFORD, Ess., Eng. [**24**-15 D4]; **19**-364c.
—, S.Dak. [**24**-137 A2].
Röchling steel works (Ger.) **8**-335a.
Rochlitz, Magdalene S. von Neidschütz, countess of **13**-101d.
—, Ger. [**24**-39 H2].
Rochus, St.: *see* Roch.
Rochy, cape, Fr. [**24**-24 H2].
Rock, co., Minn. [**24**-135 B8].
—, co., Wis. [**24**-133 D7].
—, Ill. [**24**-129 D6].
—, Kan. [**24**-142 E4].
—, Mass. [**24**-99 D2].
—, Mich. [**24**-130 D3].
—, Minn. [**24**-135 E6].
—, N.Y. [**24**-103 E1].
—, Pa. [**24**-107 E3].
—, The, N.S.W., Austr.: *see* Kingston, N.S.W., Austr.
—, cr., Md. (D.C.) [**24**-108 B1]; **23**-392a.
—, cr., Mont. [**24**-144 B2].
—, cr., Nev. [**24**-153 D1].
—, cr., Oreg. [**24**-151 E2].
—, cr., S.Dak. [**24**-137 G3].
—, cr., Utah [**24**-152 D2].
—, isl., Wis. [**24**-132 G4].
—, lake, Wash. [**24**-150 H3].
—, riv., Ill. [**24**-128 B2].
—, riv., Minn. [**24**-135 B8].
—, riv., Wis. [**24**-133 E6]; water power **12**-889b fol.
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— (bird) **18**-378a.
— (spinning): *see* Distaff.
Rockabill, light house, Ire. [**24**-20 E3].
Rockall Depression, Atl. O. [**24**-177 A3].
Rockallite (min.) **1**-126d.
— analysis (chem.) **17**-672a.
— asphalt (min.) **2**-549c.
Rockawalking, Md. [**24**-109 D2].
Rockaway, N.J. [**24**-105 B2].
—, beach, N.Y. [**24**-104 E6].
—, inlet, N.Y. [**24**-104 E6].
— Park, N.Y. [**24**-102 G5].
— Point, N.Y. [**24**-104 E6].
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Rock bass (fish) Pl. II. fig. 6 **9**-FISHES.
— Beauty (fish) Pl. I. fig. 1 **7**-DISTRIBUTION OF ANIMALS.
— bells (plant): *see* Eastern columbine.
Rock-breaker (engin.) **7**-643b.
Rockbridge, co., Va. [**24**-110 E3].
—, Ill. [**24**-129 B4].
—, Ky. [**24**-116 E4].
—, Mo. [**24**-140 E5].
—, Va. [**24**-110 E3].
—, Wis. [**24**-133 C6].
— Baths, Va. [**24**-110 E3].
Rock-carving (archae.) **2**-845c.
Rockcastle, co., Ky. [**24**-116 F3].
—, Ky. [**24**-116 C4].
Rock Cave, W.Va. [**24**-111 C3].
— Cess, Lib. [**24**-80 C4].
— City, rocks, N.Y. **16**-768c.
— City Falls, N.Y. [**24**-103 G2].
Rockcorry, Ire. [**24**-20 D2].
— Creek, B.C., Can. [**24**-92 F5].
— Creek, Ida. [**24**-145 D7].
— Creek, Minn. [**24**-135 E6].
— Creek, O. [**24**-124 E2].
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Rock Creek, park, Washington, D.C. [**24**-108].
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Rock-cress (plant) **6**-767c.
Rock-crystal (min.) **6**-809b; **10**-95a; Pls. I., II., III., and V. **10**-GEMS IN ART; carvings **12**-865c; intaglios Pl. XII. figs. 1-3 **10**-GLASS.
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—, N.Y. [**24**-103 E3].
—, Pa. [**24**-106 B3].
—, Tenn. [**24**-117 D2].
—, Tex. [**24**-123 F4].
— Mills, Mass. [**24**-98 A1].
— Mills, Pa. [**24**-106 C2].
Rock dammar (resin) **7**-6b.
Rockdell, Minn. [**24**-135 F8].
Rock-dove (bird) **7**-559a.
Rock drawings Sud. **1**-312d.
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ROCKEFELLER, JOHN D. 19-364d.
—, **JOHN D. JR. 19**-365c.
— **BENEFACTIONS 19**-365d; Calif. Univ. **4**-599c; Chicago Univ. **5**-457c; Paris Univ. **17**-307d;
— Foundation: Chin. med. educ. **15**-177b; Colom. **6**-34a; endowments **13**-105c; Pal. **17**-134c; war relief **23**-370c.
— Institute for Medical Research **19**-366b; Loeb **14**-297d.
— Sanitary Commission: *see* International Health Board.
Rock elements (petrol.) **17**-674c.
— elm (tree) **8**-376c.
Rocker (instru.) **15**-402d fol.
— (mining) **15**-545a; *see also* Cradle.
— tower (engin.) **9**-395d.
Rocket (bot.) **6**-767c.
— (firework) **9**-283a; Pl. fig. 3 **9**-FIREWORKS.
"Rocket" (locomotive) **8**-684d; **14**-279a; **21**-354d.
— **AND ROCKET APPA**ratus **19**-366d.
— automobile **19**-367c.
— Brigade, Field (Gr. Brit.) **19**-367a.
— candytuft (herb) **4**-741a.
— larkspur (plant) **7**-175b; *see also* Field larkspur.
— lightning **8**-227b.
— propulsion **19**-367c.
Rockfall, Conn. [**24**-101 C1].
Rock-fall earthquakes **7**-851c.
Rock Falls, Ia. [**24**-138 D1].
— Falls, Ill. [**24**-128 C2].
Rockfield, Ind. [**24**-126 B2].
—, N.H. [**24**-97 C3].
Rock-fill dams (engin.) **7**-8c.
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—, Ia. [**24**-138 E1].
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—, Ind. [**24**-127 C4].
—, Mich. [**24**-131 F6].
—, Minn. [**24**-135 E6].
—, Mo. [**24**-140 E2].
—, N.C. [**24**-112 E1].
—, Neb. [**24**-130 H4].
—, O. [**24**-124 A3].
—, Ont., Can. [**24**-90 B2].
—, Tenn. [**24**-117 H2].
—, Wash. [**24**-150 H3].
— gardening **11**-776c.
— Glen, Pa. [**24**-107 E3].
— Grove, Ill. [**24**-128 C1].
— Gun, hill, Gib. **10**-334a.
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Rock Harbor, Fla. [**24**-115 H6].
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— Hill, Ky. [**24**-116 D3].
— Hill, Nev. [**24**-153 C4].
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Rockhill Furnace, Pa. [**24**-106 D3].
Rock Hind (fish) Pl. fig. 7 **2**-AQUARIUM.
Rockholds, Ky. [**24**-116 F4].
Rock-hoppers (birds) **17**-465a.
Rockhouse, Ark. [**24**-120 B1].
Rocking bar sight (guns) **16**-865d; fig. 3 **20**-636.
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— co., N.C. [**24**-112 F1].
—, co., N.H. [**24**-97 C4]; **8**-963c.
—, co., Va. [**24**-110 F2].
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—, N.C. [**24**-112 F3].
—, N.H. [**24**-97 C3].
—, Vt. [**24**-97 B3].
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—, bay, Queens., Austr. [**24**-169 C2].
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— **ISLAND**, Ill. [**24**-128 B2]; **19**-368b.
— Island, Okla. [**24**-143 J3].
— Island, Tenn. [**24**-117 F2].
— Island, Tex. [**24**-123 F5].
— Island (ry., U.S.) **6**-46d.
— Island Junction, Ark. [**24**-120 C4].
— **ISLANDS**, Du.E.I.: *see* Batu.
— juniper (tree) **13**-185d.
Rocklake, N. Dak. [**24**-136 E1].
Rock Lake, Ont., Can. [**24**-90 C2].
Rockland, co., N. Y., [**24**-102 F4].
—, Del. [**24**-109 D1].
—, Ida. [**24**-145 F7].
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—, N. Y. [**24**-103 F4].
—, Ont., Can. [**24**-90 E2].
—, R. I. [**24**-100 B2].
—, Wis. [**24**-133 C6].
Rockley, N.S.W., Austr. [**24**-171 J4].
Rock-lichens (plants) **14**-30b.
Rockling (fish) **9**-319b.
Rock lobster (crustacean) **14**-261a.
Rocklyn, Wash. [**24**-150 G3].
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— maple (tree): *see* Sugar maple.
Rock Mills, Ala. [**24**-118 D2].
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Rocknitz, Ger. [**24**-39 H2].
"Rock of Ages" (Toplady) **12**-18d.
Rock of Cashel, mt., Ire. **4**-962d.
— of Chickamauga (nick.): *see* Thomas, George Henry.
— oyster (zool.) **16**-1003c.
— phosphate (min.) **9**-194c.
Rock-pipit (bird) **17**-947d.
— Point, Md. [**24**-109 C2].
Rockport, Ill. [**24**-129 A4].
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—, Ky. [**24**-116 D3].
—, Mass. [**24**-99 D1].
—, Me. [**24**-96 C4].
—, Mich. **11**-937b.
—, Miss. [**24**-119 B4].
—, Mo. [**24**-140 B1].
—, Tex. [**24**-123 F5].
—, Wash. [**24**-150 D2].
—, W.Va. [**24**-111 B2].
Rock python (reptile) **18**-805c.
— rabbit (zool.): *see* Hyracoidea.
— Rapids, Ia. [**24**-138 A1].
— rat (zool.) **19**-374d.
— Rift, N.Y. [**24**-103 E3].
— River, Wyo. [**24**-146 G4].
Rock-rose (bot.) **9**-875d; *see also* Cistus.
Rockroyal, N.Y. [**24**-103 E3].
Rocks, Md. [**24**-106 C1].
Rock salt **19**-807d fol.; currency **6**-880d; photograph 854; rest-rays **14**-73d.
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— Springs, Ala. [**24**-118 D2].
— Springs, Mont. [**24**-144 E2].
Rocksprings, Tex. [**24**-122 D4].
ROCK SPRINGS, Wyo. [**24**-146 C4]; **19**-368d.
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—, S.C. [**24**-113 C2].
—, Wis. [**24**-133 C6].
Rocktown, Iv.Cst. [**24**-80 C5].
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—, Ind. [**24**-127 A3].

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—, Minn. [24-135 D6].
—, Mo. [24-140 C3].
—, Neb. [24-139 F3].
—, O. [24-125 C4].
—, Oreg. [24-151 H4].
—, Pa. [24-107 E3].
—, R.I. [24-100 A3].
—, Utah [24-152 A5].
—, Wis. [24-133 C7].
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—, Ill. [24-129 C6].
—, Me. [24-96 C3].
—, N.Y. [24-103 F2].
—, Ont., Can. [24-90 B3].
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—, bay, Nfd. [24-93 C2].
—, harb., Nfd. [24-93 B2].
—, isl., Wis. [24-132 C2].
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—, pt., Mass. [24-99 D2].
—, pt., Tas. [24-171 G9].
—, pt., W.Aus., Austr. [24-168 C5].
—, rapids, Alta., Can. [24-91 C3].
—, riv., O. [24-124 D2].
—, riv., S.C. [24-113 B2].
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— Buttes, mts., Alta., Can. [24-91 C3].
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Rocky Gap, Va. [24-110 C3].
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— Indian Marine 12-179a.
— Infirmary (Edinburgh, Scot.) 7-959c.
— Infirmary (Glasgow, Scot.) 10-396b.
— Institute of British Architects 2-273c; 8-443d.
— Institution (Lond.) 7-88d; 14-358a; 20-834a.
— Irish Academy 1-82a.
Royalists (Eng.) 10-734d fol.; 14-726d.
— jelly (of bees) 20-884d.
Royal Jersey green Pl. I. fig. 3 14-MARBLE.
— Lancasterian Society: *see* British and Foreign School Society.
— Leamington Spa, Warwick., Eng.: *see* Leamington.
— library (Ger.): *see* State library.
— Lombard (Dan. pawnshop) 17-406a.
ROYAL MAIL STEAM PACKet Company 19-596c.
— Manchester Institution (Lond.) 15-998c.
— manuscripts (Brit. Museum) 15-997d.
— Marines 14-903c; 6-607b.
— marriage (pinocle) 17-942c.
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— Meteorological Society 7-93c.
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— Microscopical Society 15-443d.
— Military Academy (Woolwich) 10-683a fol.; 23-736c; 8-448b.
— Military Academy, Lond. 14-357d.
Royal Military Canal (Kent, Eng.) 13-330c.
— Military College (Sandhurst) 19-937d; 10-683a fol.
— Military College of Canada 4-696b.
— National Institution for the Preservation of Life from Shipwreck 14-44d.
— Naval Cadet College (Dartmouth) 7-64a; 15-460a.
— Naval College (Lond.) 14-357d.
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— Naval Medical Service 15-188d.
— Navy: *see* British navy.
— Navy Club 5-858c.
Royal Niger Company 10-492b; 16-442b; 1-327a; 1-324b; 4-40b; 22-152a; 3-901c.
— Normal College and Academy of Music for the Blind 3-724a.
— Normal College for the Blind (Lond.) 3-720a.
— North British Dragoons: *see* Scots Greys, The Royal.
— Oak, Eng. [24-13 C3].
— Oak, Md. [24-109 C2].
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"Royal Oak" (hist.) 5-271d; Pl. I. fig. 1 12-IRON IN ART.
Royal Observatory (Berlin, Ger.) 16-672c.
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— Packet Navigation Company (Du.E.I.) 7-873d; 12-978b.
— **PALM** 19-596d.
— Patriotic Fund Corporation 23-363c.
— Photographic Society of Great Britain 17-830c.
— Polytechnic School (Delft) 7-161a.
— purple: *see* Tyrian purple.
— Regiment of Artillery 2-465a.
— Regiment of Horse 10-937a.
— rib (fabric) 6-552c.
— St. George's Golf Club 10-499c.
— St. Lawrence Yacht Club (Can.) 23-871c.
— Sanitary Institute 15-174a.
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— Scottish Academy (Edinburgh) 7-957c.
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— Small Arms Factory: *see* Birmingham Small Arms Co.
— societies: For societies not listed below *see under* leading word of title.
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— Society of Antiquaries of Ireland 2-74a.
— Society of British Artists 20-905b.
— Society of British Sculptors 20-906a.
— Society of Medicine 15-173d.
— Society of Painter-Etchers and Engravers 11-62d.
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—, Fr. [24-26 E2].
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—, lake, Nev. [**24**-153 E2].
—, mts., Ida. [**24**-145 B7].
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Rubyatt, N.C. [**24**-112 F2].
Ruby Creek, B.C., Can. [**24**-92 E5].
— boule **10**-96d.
— copper: *see* Cuprite.
— -crowned wren **10**-489c.
— glass **10**-481d.
— liquids **6**-22d.
— mines, Bur. [**24**-66 D2]; **4**-425a.
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— -silver ore **20**-684b.
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Ruchuru, Bel. Cong. [**24**-83 E3]; **8**-18b.
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—, Tenn. [**24**-117 E2].
— Canyon, Ariz. [**24**-149 F7].
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Ruckersville, Ga. [**24**-114 D2].
—, Va. [**24**-110 F2].
Rückert, Friedrich **10**-226a; **11**-116c.
Ruckles, Oreg. [**24**-151 B4].
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Ru Coygach, cape, Scot. [**24**-18 C3].
Rud, mts., Pers. [**24**-63 D2].
RUDAGI **19**-615d.
Rudall, lake, W.Aus. [**24**-168 C4].
—, riv., W.Aus. [**24**-168 C3].
Rudari **11**-41c.
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—, Ture **11**-10d.
Rudbeckia: *see* Cone-flower.
— hirta: *see* Black-eyed Susan.
— laciniata: *see* Cone-flower.
Rudby, Notts., Eng. [**24**-13 C4].
—, Yorks., Eng. [**24**-13 C3].
Rudd, Bevil **2**-626d.
—, Ark. [**24**-120 B1].
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Rudelstein, mt., Czech. **3**-562a.
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— III. (of Arles): *see* Rudolph III. (of Burgundy).
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— II. (of Bav.) **23**-691c.
— III. (of Boh.) **11**-57b; **11**-58a.
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— II. (of Burgundy) **4**-406b; **1**-163a.
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— (the Old, of Laufenburg) **11**-58a; **11**-56d.
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— (count of Rheinfelden): *see* Rudolph (Ger. k. and duke of Swabia).
— I. (of Saxe-Wittenberg) **20**-34c.
— II. (of Saxe-Wittenberg) **20**-34c.
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RUDOLPH, the Bald (Glaber, Raoul) **19**-617d.
—, O. [**24**-124 B2].
—, S. Dak. [**24**-137 F1].
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Rudwa, mt., Arab. [**24**-79 D3].
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Rufe, Okla. [**24**-143 H4].
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— (garment) **7**-655a.
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Ruffec, Fr. [**24**-26 D1].
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—, N.C. [**24**-112 F1].
Ruffin, S.C. [**24**-113 D4].
Ruffini, Paolo **1**-607b; **8**-669d.
Ruffini's endings (anat.) **16**-239c.
RUFFO, FABRIZIO **19**-618d; **16**-82c; **16**-204d.
Rufford, Lancs., Eng. [**24**-13 B4].
Ruffsdale, Pa. [**24**-106 B3].
Rufia, Nig. [**24**-80 E3].
RUFIJI, riv., Tanganyika [**24**-83 G4; **24**-185 G6]; **19**-619a; **7**-857b.
Rufino, Arg. [**24**-165 D3].
RUFINUS, TYRANNIUS **19**-619b.
Rufisque, Sen. [**24**-80 A3]; **20**-325b.
Rufous tinamou (bird) **22**-236d.
Rufu Kingani, riv., Tanganyika Terr. [**24**-83 G4].
Rufus (Ephesus) **17**-991c.
—, Konrad Mutianus: *see* Mutian.
—, **LUCIUS V.** **19**-619c.
—, M. Holconius **18**-201c.
—, Minucius (Rom. consul): *see* Minucius Rufus.
—, Q. Curtius **10**-778b.
—, S. Sulpicius **13**-753d.
—, William (Eng. k.): *see* William II.
—, N.C. [**24**-112 D2].
—, Oreg. [**24**-151 E2].
—, Wis. [**24**-132 C3].
— F. Dawes Hotels (U.S.) **7**-90b.
Rugby, Colo. [**24**-147 F4].
—, Ind. [**24**-127 C3].
—, N.Dak. [**24**-136 D1].
—, Nev. [**24**-153 A3].
RUGBY, Warwick, Eng. [**24**-14 B3]; **19**-619d; **23**-673a.
— Junction, Wis. [**24**-133 E6].
— (polo club) **18**-176a.
— (school, Warwick., Eng.) **2**-425a.
— fives (game) **9**-340c.
— football: *see* Football.
— football, American: *see* Football, American Rugby.
— radio station (Eng.) Pl. I. fig. 6 **6** - CONDENSER (ELECTRICAL); **6**-218b.
RUGE, ARNOLD **19**-620a.
RUGELEY, Staffs., Eng. [**24**-14 B3]; **19**-620a.
RUGEN, isl., Ger. [**24**-40 A1]; **19**-620b.
Rügenwalde, Ger. [**24**-40 C1].
Rugga Fakko (battle, 1804) **20**-936a.
Rugge, It. **2**-155b.
Rugger (game): *see* Football, Rugby.
Ruggieri Fra **12**-380d.
Ruggles card press (print.) **18**-501b.
Rügievit (Wendish god) **1**-63b.
Rugii (tribe) **10**-254d.
Rüglen, Scot.: *see* Ruthergien.
Rugles, Fr. [**24**-24 F3].
Rugless, Ky. [**24**-116 G2].
Rug manufacture: *see* Carpet.
Rugone, riv., It.: *see* Pisciatello.
Rugosa (rose) **11**-776d.
RUGS AND CARPETS **19**-620c; Pl. II. figs. 9 and 11 **17**-PERSIAN ART; Pers. **17**-557b; **19**-623a; selection **19**-628c; U.S. **19**-628d.
Rugulas (Hunnic k.): *see* Ruas.
Ruha (myth.) **14**-787c.
Ruhanga (myth.) **1**-978d.
Ruhbe, oasis, Syr. [**24**-58 G6]
Rühi (Turk. poet) **22**-619d.
RUHLA, Ger. [**24**-38 F3]; **19**-629b.
Ruhland, Ger. [**24**-39 J2].
Ruhmkorff, H. D. **12**-272d fol.
— pattern (elec.) **8**-331b.
RUHNKEN, DAVID **19**-629b.
Ruhnu, isl., Latvia [**24**-47 B2].
RUHR, dist., Ger. [**24**-38 D2]; **19**-629c; coal **5**-876c; **10**-233a; reparations **19**-157a, Versailles treaty **23**-95c.
RUHRORT, Ger. **19**-630d.
Ruhuhu, riv., E.Af. **14**-240d; **16**-655b.
Rui (Priest of Amen) Pl. I. fig. 1 **21**-STONE CARVING.
—, Afg. map **1**-283.
Ruidoso, N.Mex. [**24**-148 D5].
Ruidosa, Tex. [**24**-122 B5].
Rui Khaf, Pers. [**24**-63 E2].
Ruin Canyon, Colo. [**24**-147 B4].
Ruines, Fr. [**24**-27 G2].
Ruinette, mt., Switz. [**24**-30 C5].
Ruins of Carthage (Colossal Cavern, Ky.) **6**-51c.
— of Martinique (Colossal Cavern, Ky.) **6**-51c.
Ruis, penin., Fr. [**24**-25 C4]; **15**-793a.
RUISDAEL, JACOB VAN: *see* Ruysdael, Jacob van.
Ruislip, Mdx., Eng. [**24**-15 C4].
Ruiten, riv., Holl. [**24**-28 F2].
Ruivo, mt., Madeira **14**-607d.
Ruiz, Bartolome **7**-942d.
—, Gonzalo **22**-70a.
—, José Martinez: *see* Azorín.
—, **JUAN** **19**-630d.
—, mt., Colom. **1**-904b.
— **ZORRILLA, MANUEL** **19**-631a.
Rujiena, Latvia [**24**-47 C2].
Ruk, India [**24**-65 B3].
Rukh (Pers. shah) **17**-588c; **17**-593b fol.
Rukh (myth. bird): *see* Roc.
Ruki, riv., Bel. Cong. **6**-242c.
Rukmini (Hindu rel.) **11**-572c.
Rukn addaula: *see* Rokn.
Rukn ad-Din (Assassin leader) **2**-554a.
Rukneddin Sulcimān **20**-310a.
Rukuru, riv., C.Af. **16**-655b.
Ruku Ruku, bay, Fiji Is. [**24**-176 D2].
RUKWA, lake, Tanganyika [**24**-83 F4; **24**-185 G6]; **19**-631a.
Rule, Ark. [**24**-120 B1].
—, Tex. [**24**-123 E3].
— (measure) **22**-292d.
"Rule, Britannia!" (song, Arne) **2**-419b; **14**-728b.
RULED SURFACE: *see* Surface: Mathematical Models.
RULE OF ST. BENEDICT: *see* Benedict of Nursia.
— **OF THE ROAD** (law) **19**-631b.
— **OF THE ROAD AT SEA** (law) **19**-632b.
— of the Temple: *see* Règle du Temple.
Ruler (chief) **5**-463b.
Rules for reducing a great Empire to a small one (B. Franklin) **9**-694c.
Ruleton, Kan. [**24**-142 A2].
Ruleville, Miss. [**24**-119 B2].
Rulf, Jakob **21**-671d.
RULHIERE (OR RULHIERES), Claude C. de **19**-634d.
Rulhieres, cape, W. Aus., Austr. [**24**-168 D1].
Rullecourt, Baron de **5**-231c.
Rulles, Belg. [**24**-29 D5].
—, riv., Belg. [**24**-29 D5].
Rulliarus (Rom. surname) **9**-20b.
Rullion Green, field, Scot. **7**-959a.
Rullus (Rom. surname): *see* Rullianus.
—, **PUBLIUS S.** **19**-634d.
Rulos, Richard de (Norman offi.): *see* Richard de Rulos.
Rülzheim, Ger. [**24**-38 D4].
RUM (ROUM), (Moham. term) **19**-635a.
—, Scot. **20**-145c.
—, isl., Scot. [**24**-18 B4]; **10**-451a.
— (card game): *see* Rummy.
RUM (liquor) **19**-635a.
Ruma, Ill. [**24**-129 C5].
—, Yugos., S.C.S. [**24**-52 D2].
—, isl., Fr. Guin., W.Af.: *see* White.
Rumahiya, Ar, 'Iraq [**24**-61 B3].
Rumaihi, Isma'il **19**-919c.
Rumaila, Ar, 'Iraq [**24**-61 C4].
Rumaitha, 'Iraq [**24**-61 B4].
Ruman (race): *see* Vlachs.
RUMANIA (ROMANIA), country, Eur. [**24**-53; **24**-9 L4]; **19**-635c; archae. **19**-637a; boundary **23**-923c; crown **6**-764c; flag **9**-348b; Bucharest Pl. III. fig. 2 **2**-BALKANS; hospitals **9**-560a; knighthood **13**-439c; medical societies **15**-174d; merchant flag Pl. **9**-FLAG; museums **15**-1003d; societies **10**-139a; vaccination **22**-922d.
—: *Army:* **19**-640d; **2**-415d fol.; air force **19**-641a; armour **9**-532b; rifles **20**-808b.
—: *Commerce and Industries:* **19**-639d; bottles **3**-953b; Brit. trade **10**-714a; coal **17**-865b; communications **19**-640b; electricity **8**-147d; fisheries **19**-640b; forestry **9**-502a; mining **19**-642b; petroleum **17**-662d; rys. **18**-918d; salt (table) **19**-900b; walnuts **23**-311c.
—: *Constitution and Government:* **19**-639b; acquisition of Bessarabia **3**-471d fol.; constitution **19**-651a; liberal **19**-652a, minorities **15**-567a fol.; official pay **17**-409b; parties **17**-427a; Socialist Democrats **20**-894d; sovereignty **7**-865d; Treaty of Berlin **3**-447c; treaty (1921) **18**-150d fol.
—: *Finance:* **19**-643a; **19**-641b; funding agreement **12**-466a; natl. insurance **16**-149b; war debt **22**-742a; war finance **23**-344a.
—: *History:* **19**-644b; anti-Semitism **2**-76b; Banat **3**-18d; Balkan War **2**-991a, foreign affairs **19**-648d; Greece **10**-790a; Hung. **11**-913b; internal policy **19**-648a; Little Entente **14**-219d fol.; Oradea Mare **16**-833d; Russ. invasion **19**-707c; Transylvania **22**-432a; war guilt **23**-356a.
—: *Population and Religion:* **19**-641b; church descr. **19**-639a; gypsies **11**-41c fol.; immigration **15**-468b; Jews **13**-61a; Lutherans **14**-499d; natural increase **18**-238b; Orthodox E. Church **16**-941a; Vlachs **23**-228d; Uniate Church **19**-408d.
RUMANIAN LANGUAGE and Literature **19**-652c; Bulgarian **16**-767c; early law books **19**-654b; gypsies **11**-42c; romance lang. **19**-428d; Vacarescu fam. **22**-921c; Vlachs **23**-228d.
— Minorities Treaties **22**-432b.
— -Polish Treaty (1921) **19**-650d.
Rumas (tribe): *see* Niger Moors.
Rumaya (rel.) **14**-787d.
Rumbek, A.E. Sud. [**24**-83 E1].
Rumbling Bridge, Scot. [**24**-12 A1]; **13**-403c.
Rumburk, Czech. [**24**-50 D1]
Rum Cay, isl., Bah.W.I. [**24**-157 D2]; **6**-80d; **2**-928b.
Rumel, val., Af. **5**-724d.
Rumelan Keui, Syr. [**24**-59 J4].
RUMELIA (ROUMELIA) Gr. [**24**-9 L6]; **19**-657c.
—, Eastern, dist., Bulg. **2**-982a; **2**-982a; hist. **4**-364c; origin **22**-611a; Treaty of Berlin **3**-447b.
Rumeli Hissar, ft., Asia M. **22**-330d.
Rümelin (phys.) **8**-241c.
Rumeni (race): *see* Vlachs.
Rumenia, cape, Mal. Penin. [**24**-71 B5].
Rumex (bot.) **18**-183b fol.
— Acetosa (bot.): *see* Sorrel.
— Acetosella (bot.): *see* Sheep sorrel.
— alpinus (bot.): *see* Monk's rhubarb.
— conglomeratus (bot.) **7**-466c.
— crispus (bot.) **7**-466c.
— hydrolapathum (bot.): *see* Water dock.
— hymenosepalus (bot.): *see* Canaigre.
— maritimus (bot.) **7**-466c.

Rumex obtusifolius (bot): *see* Broad-leaved dock.
— patientia (bot.) osmotic pressure in **18**-22b.
— pulcher (bot.): *see* Fiddle dock.
— sanguineus (bot.): *see* Bloody dock.
— scutatus (bot.): *see* French sorrel.
RUMFORD, BENJAMIN T., count **19**-657c; heat experiments **8**-438c.
—, Me. [**24**-96 B4].
—, N.H.: *see* Concord.
—, R.I. [**24**-100 C2]; **7**-876d.
—, S.Dak. [**24**-137 A3].
— **FALLS,** Me. **19**-658a.
— medal (sci. award) **1**-87a.
RUMI (Jalāl-uddīn) **19**-658b; work **17**-609a.
Rumigny, Fr. [**24**-25 K2]; **9**-873b.
Rumija, mt., Yugos. **2**-81a.
Rumili (Turk. terr.): *see* Rumelia.
Rumilly, Fr. [**24**-27 J2].
RUMINANTIA (zool.) **19**-658c; *see also* Pecora.
Rumley, Ark. [**24**-120 C2].
Rumma, Wadi, riv., Arab. [**24**-62 C2].
Rummaneh, Pal. [**24**-60 C2].
Rummel (gorge), C., Alg. Pl. IV. fig. 2 **1**-ALGERIA.
—, riv., Alg. **6**-302b.
Rummelsburg, Ger. [**24**-40 C1].
Rummindei, India: *see* Rupadei.
RUMMY (RUM) (cards) **19**-658c.
Rumney, N.H. [**24**-97 C3].
—, Marsh, Mass.: *see* Revere.
Rumoi, Jap. [**24**-75 M2].
Rumpenheim, Ger. [**24**-38 D3].
Rump parliament (Eng.) **8**-521b.
— parliament (Ger.) **10**-285b.
Rum running **3**-801c.
Rumsey, Calif. [**24**-154 B3].
—, Ky. [**24**-116 C3].
Rumson, N.J. [**24**-105 B2].
Run, riv., Minn. [**24**-135 E6].
— (bank) **17**-183d.
— (baseball) **3**-162d; **3**-167a.
— (croquet) **6**-752b.
— (fencing) **9**-157c.
— (golf) **10**-504c.
— (step) **21**-298b.
Runabout (motor) Pl. III. fig. 5 **15**-MOTOR CAR.
Runaway, cape, N.Z. [**24**-172 F2].
— mop (fair): *see* Mop fair.
RUNCIMAN, WALTER **19**-659a.
Runcinate leaf (bot.) dandelion fig. 4 **13**-826.
RUNCORN, Ches., Eng. [**24**-16 D1]; **19**-659b.
RUNDALE (agri.) **19**-659b.
Rundle, Sir Henry M. L. **21**-65d.
RUNEBERG, JOHAN L. **19**-659c.
Rünelingen, Luxem. [**24**-29 E5].
RUNES (writing) **19**-659d; alphabet fig. 6 **1**-683; Eng. **4**-169b; **8**-555b; tablets **3**-303d; Teutonic peoples **20**-49d; **21**-654c fol.; **21**-987d.
RUNGE, CARL D. T. **19**-664d.
Runge, Ferdinand caffeine **18**-779a; carbolic acid **4**-836a; chrome ink **12**-361b.
—, Tex. [**24**-123 F5].
Runge's law (spectroscopy) **21**-190d.
Rungna, India **13**-477c.
Rungu, Bel. Cong. [**24**-83 E2].
Runhold Station, Pa. [**24**-107 E3].
Runicus, Codex **19**-664c.
Runion, N.C. [**24**-112 C2].
Runius, Johan **21**-656b.
Runkel, Ger. [**24**-38 D3].
Runn, Swed. [**24**-45 F1].
—, lake, India **3**-833c.
—, lake, Swed. **6**-987a.
Runnells, Ia. [**24**-138 D3].
Runnels, co., Tex. [**24**-123 E2].
Runner (duck) **18**-381c.
— (mech.) **8**-158d.
— bean (plant) **13**-881d.
Runners (skates) **20**-728b.
Runneymede Letters, The (Disraeli) **3**-247c.
RUNNIMEDE (RUNNYMEDE) meadow, Sur., Eng. **19**-665a.
RUNNING (sport) **19**-665a; Olympian games **10**-9a; yachting **23**-868b.
— (resin process) **19**-210d.
— ale malt **14**-736d.
— amuck (amok): *see* Amuck.
— blade (tool): *see* Bandsaw.
— border (art) *see* Wave.
— borer (implement) **4**-618a.
— bowline (knot) **13**-444c.
— gear (mech.) **14**-284d.
Running-in brake (mech.) **4**-25a.
Running rigging (naut.) **19**-305d.
— scroll (decoration): *see* Acanthus rinceau.
— stitch (sewing) **11**-703c.
— survey (marine) **5**-304a.
Runningville, S. Dak. [**24**-137 D3].
Running Water, S. Dak. [**24**-137 G4].
— Water, Tex. [**24**-122 D2].
Runn of Cutch, tract, India: *see* Cutch.
RUNNYMEDE, meadow, Sur., Eng.: *see* Runnimede.
Run-off (geog.) **5**-25b.
Run-off primary (govt.) **18**-484b.
Run-rig (agri.): *see* Rundale.
"Run Sheep Run" (game) **5**-480d.
Runsker, Carl **16**-672b.
Runsoro, mts., C. Af.: *see* Ruwenzori.
Runswick, Yorks., Eng. [**24**-13 D3].
Runt (bird) **7**-559a.
Runton, mts., W. Austr. [**24**-168 C3].
Run-Up (golf) **10**-504c.
Runville, Pa. [**24**-106 D3].
Runways (machine): *see* Monorails.
Ruo, riv., Port. E. Af. [**24**-83 G6].
RUODLIEB (Ger. poem) **19**-667d.
Ruoppoli, Giovanni B. **9**-419d.
Rupa, riv., Brit. E. Af. **19**-631b.
Rupadei, India **14**-483d.
Rūpaka (Hindu drama) **7**-579a.
Rupanyup, Vict., Austr. [**24**-170 F6].
Rupat, Sum. [**24**-72 B3].
RUPEE (coin) **19**-667d; Pl. VII. fig.12 **16**-NUMISMATICS.
Rupel, ft., Gr. **18**-894a.
—, riv., Belg. [**24**-20 C3]; **20**-63c; Antwerp, siege (1914) map **2**-88.
Rupella, Fr.: *see* La Rochelle.
Rupen (Arm. prince) **2**-379a.
RUPERT, ST. **19**-668c.
RUPPERT III. **19**-668c.
RUPPERT (Rupprecht) (Ger. prince) (b. 1869) **19**-669c; Marne (1914) **14**-930a; genealogy **12**-860b; Ypres **23**-906d.
—, **PRINCE** (b. 1619) **19**-668d.
—, Ga. [**24**-114 B4].
—, Ida. [**24**-145 E7].
—, Vt. [**24**-97 A3].
—, W.Va. [**24**-111 C4].
—, riv., Can. **11**-859d.
RUPERT'S LAND, former dist., Can. **19**-669c.
Ruphia, riv., Gr. [**24**-54 C4]; *see* Alpheus.
Rupicapra pyrenaica (animal): *see* Izard.
— tragus (animal): *see* Chamois.
Rupicaprinae (zool.) **3**-974d; **5**-214a.
Rupicola (zool.): *see* Cock-of-the-rock.
Rupicolinae (birds): *see* Rupicola.
RUPILIUS, PUBLIUS **19**-669d.
Rupnarain, riv., India **3**-405c; **15**-458c.
Ruppel, Berthold **18**-500a.
Rüppichteroth, Ger. [**24**-38 C3].
Rupshu, dist., India [**24**-65 D2]; **13**-581c.
Rupture (path.): *see* Hernia.
—, of the bladder **3**-689c.
— de ban (escape of criminal) **3**-17d.
Rupunani, riv., Brit. Gui. **24**-163 A2].
R.U.R. (play, Capek) **4**-787d.
Rural, Ala. [**24**-118 B4].
—, Ill. [**24**-128 B2].
—, Ky. [**24**-116 H3].
Rural Credits (Herrick) **11**-517a.
Rural Credits Act (1916, U. S.) provisions **22**-834c.
— dean (offi.) **7**-106d.
— **DEPOPULATION** **19**-669d.
— district council (Eng. govt.) **14**-262d.
— **EDUCATION** **19**-672b.
— electrification **8**-161d.
— free delivery (postal) **18**-316b.
— Grove, N.Y. [**24**-103 F3].
— Hall, N.C. [**24**-112 E1].
— Hill, Miss. [**24**-119 C2].
— industry (econ.) def. **20**-815a.
Ruralizing (of schools) **7**-971c.
Rural Postman of Bideford, the (nick.): *see* Capern, Edward.
Rural Rides (Cobbett) **5**-933b fol.
Rural roads (chart) **19**-343.
— schools **19**-673a.
— survey (sociol.) **20**-914b.
— teachers (U.S.) **8**-346c.
— Vale, Tenn. [**24**-117 G2].
— Valley, Pa. [**24**-106 B3].
Ru Rea, cape, Scot. [**24**-18 C4].
Ru Renish, cape, Scot. [**24**-18 B4].
Rurie, Ida. [**24**-145 G6].
Rurik (legendary Russ. prince) **19**-712d.
— (Varangian chief) **13**-917d.
—, isl., Pac. O. **13**-497a.
Rurindake, mt., Jap. **13**-522b.
RURKI, India **19**-673b.
Rurutu, isl., Pac. O. **17**-14a.
Rusa (zool.) **7**-135a.
—, U.S.S.R [**24**-48 E3].
Rusaddir, Mor.: *see* Melilla.
Rusapi, S. Rhod. [**24**-81 E1].
Rusas I. (of Urartu-Chaldia) **22**-891a.
Rusa unicolor (zool.): *see* Sambar *and* Ceylon elk.
Rusca, François D., baron **9**-816b fol.
Rusch, Adolph **18**-508d.
RUSCHUK (Russe), Bulg. [**24**-9 M5]; **19**-673b.
Ruscino, Fr. **19**-587d.
Ruscus aculeatus (bot.): *see* Butcher's broom.
Rusden, George W. **2**-739c.
RUSELLAE, anc. town, It. **19**-673c.
Ruse, Mich. **14**-939a.
RUSH, BENJAMIN (Am. physic.) **19**-673c; **23**-385a.
Rush, Dr. (Am. pol.) **5**-932b.
—, **RICHARD** **19**-673c.
—, co., Ind. [**24**-127 C3].
—, co., Kan. [**24**-142 C3].
—, Ark. [**24**-120 C1].
—, Colo. [**24**-147 F3].
—, Ire. [**24**-20 E3].
—, Ky. [**24**-116 H2].
—, N.Y. [**24**-102 C3].
—, O. [**24**-125 A3].
—, Pa. [**24**-107 E2].
—, lake, N.Dak. [**24**-136 F1].
—, lake, Wis. [**24**-133 E6].
—, riv., Wis. [**24**-132 A5].
RUSH (plant stalks) **19**-673d; anther fig. 46 **9**-412.
Rush-Bagot Convention (1818) **4**-710c.
Rushbearing (festival) **10**-648a.
Rushbrooke, J. H. **3**-88d.
Rushbury, Henry **8**-748c.
Rush City, Minn. [**24**-135 F6].
RUSHDEN, Northants., Eng. [**24**-15 C3]; **19**-674a.
RUSHDI PASHA **19**-674a.
Rushen (castle, I. of M.) **5**-6a.
Rushford, Minn. [**24**-135 G8].
Rushford, N.Y. [**24**-102 B3].
Rush-garlic (plant): *see* Wild chives.
Rush Hill, Mo. [**24**-141 F2].
Rushing **9**-701c.
Rush Lake, Minn. [**24**-134 F4].
— Lake, Wis. [**24**-133 E6].
Rush-light **4**-738c.
Rush line defence (football) fig. 2 **9**-485c.
— Medical College (Chicago) **5**-457b.
Rushmore, mt., S.Dak. **3**-901a.
— house, Wilts., Eng. **17**-977c.
Rush nut **16**-646a.
Rushpoint, Minn. [**24**-135 E6].
Rush River, Minn. [**24**-135 D7].
Rush Springs, Okla. [**24**-143 F4].
Rushstroke (croquet) **6**-750d.
Rushton, Edward **3**-723d.
Rush Valley, Utah [**24**-152 B2].
Rushville, Ill. [**24**-128 B3].
RUSHVILLE, Ind. [**24**-127 C3]; **19**-674b.
—, Mo. [**24**-140 B2].
—, Neb. [**24**-139 B2].
—, N.Y. [**24**-102 C3].
—, O. [**24**-125 C4].
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Rushworth Version of the Gospels **3**-529d.
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Rusidava (Rom. town) **7**-568c.
Rusinga, isl., Af. **23**-137c.
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—, John James (Brit. mer.) **19**-674c.
— College (Eng.) **22**-372b.
— Union (art society, Eng.) **20**-906a.
—, Fla. [**24**-115 F4].
—, Ga. [**24**-114 D5].
—, Tenn. [**24**-117 D1].
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Ruso, N.Dak. [**24**-136 D2].
Rūsore (tribe) **11**-42c.
Ruspers (bank, Pers.) **17**-560d.
Ruspina (battle, 46 B.C.) **21**-743b.
Ruspoli (fam.) **23**-8d.
Russ (people) **19**-712c.
—, riv., Lith.: *see* Nemunas.
Russ. (abbrev.) **1**-26a.
—, Melchior **21**-912a.
Russangloless, Ltd. (U.S.S.R. co.) **21**-103a.
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—, Bulg.: *see* Ruschuk.
Russel, mt., N.W. Div., W. Aus., Austr. [**24**-168 B4].
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—, Anne, countess of Warwick: *see* Warwick.
—, Arthur O. V.: *see* Ampthill, 2nd baron.
—, **BERTRAND A. W.** **19**-678a; **15**-83d fol.; **18**-811d; logical atomism **18**-89a; mathematics **15**-86a fol.; realism **17**-757d.
—, C. **17**-802c; **8**-943b; **17**-801b.
—, Edward **13**-595c.
—, Sir Edward J. **9**-196d; **20**-932d.
—, **GEORGE W.** **19**-679b; **3**-299b; criticism of **12**-637c; mysticism **18**-113c; photograph Pl. IV. fig. 3 **17**-PHOTOGRAPHIC ART; poetry **18**-110d.
—, Henry **19**-677b.
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—, **JOHN** (Eng. painter) **19**-679c; **17**-358b; Pl. I. fig. 3 **6**-CRAYON.
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—, **JOHN RUSSELL,** 1st earl of **19**-679d; **7**-864a; **18**-515d fol.; **5**-934d fol.; **23**-127a.
—, Odo W. L.: *see* Ampthill, Odo W. L. R., 1st baron.
—, Scott **20**-526a.
—, Stephen **19**-677b.
—, **THOMAS** **19**-680c.
—, **LORD WILLIAM** **19**-680d; **13**-354c; **7**-292d; **19**-681b.
—, William **19**-677d.
—, **SIR WILLIAM H.** **19**-681c.
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—, co., Ky. [**24**-116 E3].
—, co., Ont., Can. [**24**-90 E2].
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SACRAMENT **19**-796d; **5**-634c; **7**-502a; **10**-586b; Blessed **3**-399d; Calvin **4**-633d fol.; Dionysius Areopagiticus **7**-396d; Methodist controversy **23**-519b; Nestorian **16**-245b; Protestantism **6**-162d; ritual **19**-325a; St. Augustine **2**-684b; *see* Eucharist; Baptism.
Sacramental Discipline **19**-407a.
SACRAMENTALS **19**-799b.
SACRAMENTARIANS **19**-799b.
Sacramentary (rel. book) **15**-594a.
Sacrament bell **3**-374b.
Sacramentis, De (Hugh of Victor) **11**-868c.
Sacramento, co., Calif. [**24**-154 C3]; **19**-799c.
—, Braz. [**24**-164 B4].
SACRAMENTO, Calif. [**24**-154 C3]; **19**-799c; **21**-309d; **21**-570b.
—, Neb. [**24**-139 E4].
—, Pa. [**24**-107 E3].
—, mts., Calif. [**24**-155 F5].
—, mts., N.Mex. [**24**-148 D6]; **16**-316d.
—, riv., Calif. [**24**-154 C3]; **4**-590b fol.; **13**-658d.
Sacrament of orders **16**-940a.
Sacra rappresentazione: *see* Rappresentazione, Sacra.
SACRARIUM **19**-800b.
Sacra Savadia **19**-787a.
Sacré Coeur (Paris) **17**-289a.
Sacré Collège de Jésus, Le (Maunoir) **4**-97a.
Sacred (rel.) **19**-106c; **19**-103c.
— Band (sols.) **2**-397b; **5**-187a.
— books **3**-872a.

Sacred Books of the East (Müller) **15**-951a; **15**-590d.
Sacred College of Cardinals **19**-406d; **1**-96b; **7**-107a; **23**-7b; Sixtus V. **20**-725b: *see also* Cardinals, College of.
— Congregation of Rites **1**-206c.
Sacred Disease, The (med.) **11**-585a.
Sacred Edict (Khang Hsi) **20**-262a.
Sacred fig **9**-229c.
— Gate map **2**-605a.
— Heart, Minn. [**24**-135 C7].
— Heart, Okla. [**24**-143 G3].
— **HEART** (cult) **19**-800b; **1**-494b.
— Heart, Clerks of the: *see* Fathers of the Faith.
— Heart, convent, London: *see* St. Thomas, seminary, Lon.
Sacred History (Euhemerus) **8**-810c.
Sacred lotus **23**-417b.
— Monogram **15**-729a.
— Order **13**-440d.
— ox Pl. III. fig. 3 **2**-ASIA.
— Palace, Master of the **23**-8d.
Sacred Poetry of the Hebrews (Lowth) **14**-447a.
Sacred Promontory, Asia. M. **14**-512c.
— Promontory, Port: *see* St. Vincent, cape.
Sacred Theory of the Earth (Burnet) **4**-436d.
Sacred thread **4**-978d fol.
— trees **22**-446b fol.
Sacre du Printemps, Le (Stravinsky) **2**-998d.
Sacred War **2**-268c; **5**-790d.
— Way (Fr.) **23**-77d.
— Way (Gr.) **7**-174b; map **2**-605a.
— Writings: *see* Hagiographa.
Sacrifice (baseball) **3**-165a fol.
SACRIFICE **19**-800b; **1**-338b; altar in Pal. **1**-705c; eucharist **8**-797b; higher rel. **19**-108b; magic power **19**-105a; oath ceremony **16**-663c; prayer **18**-419b; priests **18**-480c fol.; primitive rel. **19**-105a; Proverbs **18**-645a; witch-cult **23**-687c.
—:*Human:* **6**-157d; Dahomey **6**-979a; Diana-worship **7**-321c; Gr. **10**-849b; Moloch worship **15**-678d; Odin worship **16**-704b; Teutons **21**-989d.
—, laws of **13**-980b.
—, Festival of: *see* Qurbān Bairām.
"Sacrifice, The" (Hoffman) **11**-620c.
Sacrifice Bairam: *see* Qurbān Bairām.
"Sacrifice of Aeneas" (sculp.) **19**-898b.
SACRILEGE **19**-803b.
Sacrilegium: *see* Sacrilege.
Sacris faciundis: *see* Decemviri.
Sacrista: *see* Treasurer.
SACRISTY **19**-804b.
Sacro, mt., It. [**24**-35 E4].
Sacrobosco **2**-357b.
Sacro-coccygeal nerve **16**-238a.
— -iliac joint **13**-130c.
— -innominate articulation **13**-130c.
— Monte, mt., It. **22**-985d.
— Monte (shrine) **4**-630a.
— Monte, College de **22**-868b.
— -sciatic ligaments **13**-130c.
— speco **21**-490c; **3**-400a.
Sacrum **20**-733a; **20**-736c.
Sa'da, Arab. **23**-885d.
Sa'd addaula **17**-588a.
Sadaich, Pers. [**24**-63 D3].
—, riv., Pers. [**24**-63 D3].
Sadakah **8**-82b.
Sadakhlo, Arm., U.S.S.R. [**24**-59 L2].
Sa'dam, Tanganyika Terr. [**24**-83 G4].
Sadana **12**-164b.
Sadānanda **19**-968d.
Sadang, riv., Celebes **5**-88c.
Sadani, E.Af. **7**-856d; **21**-783a.
Sadanobu: *see* Matsudaira Sadanabu.
Sadaqāt Muslim arms **12**-709b.
Sadberge, Eng. [**24**-13 C3].
Sadda, riv., C.As.: *see* Ragh.
Saddell, Scot. [**24**-19 C6].
Saddle, Ariz. [**24**-149 B5].
—, Wash. [**24**-150 E4].
—, isls., China [**24**-70 D3].
—, mt., B.C., Can. [**24**-92 C3].
—, mt., Que., Can. [**24**-89 C3].
SADDLE **19**-804b.
Saddle fig. 5 **3**-545: *see* Apex-stone.
— and Sirloin club **9**-81d.
Saddleback, mt., Cumb., Eng. [**24**-10 C2]; **6**-862a.
—, mt., Mass.: *see* Greylock.
—, mts., Me. [**24**-96 B4]; **14**-686c.
—, mt., N.Y. [**24**-103 G1].
Saddle bars **19**-804b.
Saddle Bunch Keys, isls., Fla. [**24**-115 G7].
— Butte, mt., N.Dak. [**24**-136 A3].
Saddlecreek, S.Dak. [**24**-137 H3].
Saddle Head, cape. Ire. [**24**-20 A2].
— horse **11**-756b.
— loading **4**-140c.
—Peak, mt., North Andaman **1**-895d.
— -reef **16**-879d: *see* Phacolith.
SADDLERY AND HARNESS **19**-804b.
Saddle-shaped joint **13**-129a.
SADDUCEES **19**-805d; **8**-720a; **13**-166d fol.; **13**-166d fol.: Maccabees **17**-129b; predestination **18**-433a; Psalms of Solomon **20**-953d.
SADE, DONATIEN A. F., count **19**-806b.
Sade, Arab. [**24**-62 C4].
Sa'd-ed-din: *see* Sa'd-allah.
SA DE MIRANDA, FRANcisco de **19**-806b.
Sadharan Samāj **3**-1018a.
SADHU **19**-806d.
Sadi: *see* Carnot, M. F. Sadi.
SA'DI **19**-806d; **17**-609a; **20**-563d.
Sadi, Bel. Cong. [**24**-82 D4].
Sadieville, Ky. [**24**-116 F2].
Sadik Mohammed Khan **7**-301b.
Sadinia, isl., Rom. Emp. map **19**-500 (D3).
Sa'dis **7**-242a.
Sadism **6**-768a.
Sadiya, Arab. [**24**-79 D3].
SADIYA, India [**24**-66 D1]; **19**-807b; **2**-979a.
— Frontier Tract of Assam, India **19**-807b.
Sa'diyyeh, tomb, Shiraz, Pers. **20**-563c.
Sadlier, G. F. **2**-170d.
— -Jackson **19**-745b.
Sadleir, John **9**-705a.
—, Sir Ralph: *see* Sadler.
Sadler, Ky. [**24**-116 D3].
SADLER, MICHAEL T. **19**-807b; **7**-988d; **12**-168c.
—, **SIR RALPH** **19**-807c; **14**-1005d.
— Commission, 1917 **4**-198a.
Sadler's Wells Theatre **17**-698a; **3**-199d; **7**-605b.
SADO, isl., Jap. [**24**-75 L4]; **19**-807d.
—, riv., Port. [**24**-32 B3]; **8**-743a.
Sadoleto, Jacopo **4**-632d; **13**-928a.
Sadon, India [**24**-66 D1].
Sadonsk, U.S.S.R. [**24**-49 E4].
Sadorus, Ill. [**24**-128 D4].
SADOWA (Sadová), Czech. [**24**-50 D1]; **19**-807d; *see also* Königgrätz.
Sadra, India [**24**-67 B2].
Sadsburyville, Pa. [**24**-107 F4].
Sad Shepherd (Jonson) **8**-582d.
Sadska, Czech. [**24**-39 K3].
Sad-Sutun: *see* Takht-i-Jamshid.
Saduan, Arab. [**24**-62 C4].
Sadulpur, India [**24**-65 D3].
Sadyattes **14**-516b; **11**-19c.
Saeby, Den. [**24**-46 C1].
Saeculum civile **20**-262d.
— naturala **20**-262d.
Saedder, Den. [**24**-46 E3].
Saegerstown, Pa. [**24**-106 A2].
Saeki, Jap. [**24**-74 G7].
Sa el hagar, Egy. **19**-863d.
Saemund **12**-52b.
Saemundar Edda hins fróða: see *Elder Edda.*
Saemundr Sigfússon (Vigfússon) **19**-813b; **7**-946a.
Saemundsson, Thómas **11**-102c.
Saena Julia: *see* Siena, It.
Saer **4**-85c.
Saetabis, Sp.: *see* Jativa.
Saeter **7**-785b.
Saethryth **7**-858a.
SAETURNUS (Rom. god): *see* Saturn.
Safā (shrine) **15**-152d.
Safa, Es, Arab. [**24**-62 D2].
Safadi **2**-196c.
Safahitic alphabet **1**-680b.
Safařik, Pavel J. **6**-964c.
Safata, harb., Samoan Is. [**24**-176 C1].
Safavi **17**-589a fol.
Safawids **15**-298d.
Safe-cracking outfit Pl. fig. 9 **19**-SAFES, STRONG ROOMS AND VAULTS.
Safed, Pal. [**24**-60 C2]; map **17**-118; **9**-977c.
Safe deposit boxes Pl. figs. 6, 7, 8, 10 **19**-SAFES, STRONG ROOMS AND VAULTS.
— deposit lock **14**-269d.
SAFED KOH, mts., India [**24**-182 C1]; **19**-807d; map **1**-283; **12**-151b; **13**-235d; **11**-473b.
Safeguarding of Industries Act **1**-193d; **6**-905a; **12**-122d; **21**-814a; provisions **19**-808a.
— **OF INDUSTRY** **19**-807d.
Safe Harbor, Pa. [**24**-107 E4].
Safelight (phot.) **17**-820c.
Safers, Switz. [**24**-31 G3].
SAFES, STRONG ROOMS and Vaults **19**-809c.
—, Council of **13**-854a.
Safety, isls., Fr.Gui. **10**-960a.
Safety (baseball) **3**-167a.
— (bicycle) **3**-544a; **6**-919a.
— (factory) **9**-30b.
— (fire arms) **16**-864b.
— (football) **9**-481a.
— action (firearms) **17**-967a.
— bonus **3**-856b.
— engineering **8**-447a.
— **GLASS:** *see* Glass, Safety.
— **LAMP** **19**-811a; **7**-89a.
man (football) **9**-485a.
— **RAZOR:** *see* Razor.
— -**VALVE** **19**-811c; **22**-964c; **21**-352c.
— work: *see* Accident prevention.
SAFFARIDS **19**-811d; **1**-288a.
Saffelaere, Belg. [**24**-29 B3].
Saffell, Ark. [**24**-120 D2].
SAFFI: see Safi.
Säffle, Swed. [**24**-44 E2].
Safflower **19**-811d.
SAFFLOWER (BASTARD Saffron) **19**-811d; **7**-796d; **22**-142c.
Safford, Ala. [**24**-118 B3].
—, Sus., Eng.: *see* Seaford.
SAFFRON **19**-812a; **7**-796d.
— crocus **19**-812a.
"Saffron Gatherer of Knossos" (fresco) **6**-682c.
SAFFRONHOUT: *see* Saffron Wood.
SAFFRON WALDEN, Ess., Eng. [**24**-15 D3]; **19**-812b; **3**-376a, **8**-724d.
— **WOOD (SAFFRONHOUT,** tree) **19**-812c.
Saffurye, Pal. map **17**-118.
Safi (shah) **17**-591a.
SAFI (ASFI), Mor. [**24**-78 C2]; **19**-812c; **15**-814a.
Safidava, Pers. [**24**-63 E2].
Safid Rud, riv., Pers. **17**-549c; **10**-341d fol.
Safié (sultana) **22**-603b.
Safierthal, val., Switz. [**24**-31 G3].
Safih, es, A.E. Sud. [**24**-79 C4].
Safine **16**-948a: *see* Sabine.
Safineh (boat) **22**-211b.
Safini (people) **19**-791a.
Safinim, dist., It.: *see* Samnium.
Safioun, Sebkha, lake, Alg. [**24**-78 F2].
Safi-u'-Din (Pers.) **17**-589a; **2**-307b.
Safonovsk, U.S.S.R. [**24**-48 G2].
Safore, Lib. [**24**-80 B4].
Safra, riv., Arab. [**24**-62 B3].
Safranbolii, Turk. [**24**-58 E2].
SAFRANINE **19**-812c; **7**-803d; **17**-699a.
Safrosine **9**-422b.
Safune, Samoan Is. [**24**-176 B1].
Safwan, 'Iraq [**24**-61 C4].
Saga, preft., Jap. [**24**-74 G7]; **12**-915d.
—, Jap. [**24**-74 G7].
SAGA (lit.) **19**-812c; Homeric poems **11**-697b; **11**-699c; Heb. **1**-60a; Icelandic lit. **12**-50b; **18**-593c; **1**-751b; Nibelungenlied **16**-407d; romantic element **19**-425d.
Sagada, Togo. **22**-267d.
Sagadahoc, co., Me. [**24**-96 C5]; **3**-202b.
SAGAING, dist., Burma **19**-813c.
—, Bur. [**24**-66 D2]; **19**-813c.
Sagais (people): *see* Abakan Tatars.
Sagal, India: *see* Sakala.
Sagalassus, Pisidia **17**-963c.
Sagalle, Aby. **1**-78c.
SAGALLO, Fr. Somaliland **19**-813d.
Sagaman: *see* Sögumaðr.
Sagami, bay, Jap. [**24**-75 L6]; **12**-895d; **7**-846c.
Sagamore, Mass. [**24**-99 D2].
—, Pa. [**24**-106 B3].
— Hill, Long Island, N.Y. **19**-536d.
SAGAN, Ger. [**24**-39 L2]; **19**-813d.
—, riv., Aby. [**24**-83 G1].
Saganaga, lake, Ont., Can. [**24**-134 H3].
Saganeiti, Aby. **12**-811c.
Sagan Nor, lake, Mong. [**24**-68 E2].
Sagantunke, Mong. [**24**-68 E2].
Saga of Eric the Red **13**-892b; **23**-173d.
Sagar, India: *see* Sauger.
Sagara, bay, in Japan [**24**-75 L6].
Sagar Dighi (reservoir, Gaur, India) **10**-75d.
Sagarra, J. M. de **21**-163a.
Sagartians (tribe) **17**-566c.
Sagartii (tribe) **17**-611c.
Sagas of the Norwegian Kings (Snorri): see *Heimskringla.*
SAGASTA, PRAXEDES M. **19**-814a; **6**-840c; **21**-138a fol.
Sagastyr, isl., (Sib.) U.S.S.R. **2**-298c.
Sagbut (mus. instru.): *see* Sackbut.
Sage, Daniel **18**-641c.
—, Henry William **6**-443c.
—, John **6**-870c.
—, **MARGARET O. S.** (Mrs. Russell Sage) **19**-814a.
—, **RUSSELL** **19**-814b.
—, Wash. [**24**-150 F5].
—, Wyo. [**24**-146 B4].
Sage (bot.) **13**-533d fol.; **19**-914a; honey source **3**-312b; pollination **18**-171a.
SAGE-BRUSH **19**-814a; Pl. fig. 2 **12**-IRRIGATION.
Sagebrush State: *see* Nevada.
SAGE HEN (SAGE-GROUSE) **19**-814b.
— honey **3**-312d.
Sagène (measure) **15**-141c.
Sagenite **19**-774b.
Sagenopteris (palaeobot.) **17**-87a.
Sagens, Switz. [**24**-31 G3].
Sage of Concord: *see* Emerson, Ralph Waldo.
Sagerou, pass, Switz.-Fr. [**24**-30 B4].
Sagers, Utah [**24**-152 E4].
Sagertown, Tex. [**24**-123 E3].
Sageston, Wales [**24**-17 B3].
Sage thrasher **22**-160d.
Saggars **5**-553b.
Saggital element (optics) **16**-817b.
Saggiz, Pers. [**24**-63 B1].
Saghalien Island (A. P. Chekhov) **5**-337d.
Saghalin, isl., Pac. O. **12**-900a.
Sag Harbor, N.Y. [**24**-102 H5]; **7**-869a; **14**-380c.
Saghe, mt., Aby. [**24**-79 D5].
Saghkolaghasi (title) **8**-63b.
Sagina: *see* Pearlwort.
Saginaw, co., Mich. [**24**-131 G6]; **15**-422b.
—, Ark. [**24**-120 C3].
SAGINAW, Mich. [**24**-131 H6]; **19**-814b.
—, Minn. [**24**-134 F5].
—, Mo. [**24**-140 C4].
—, Oreg. [**24**-151 B4].
—, Tex. [**24**-123 F3].
—, bay, Mich. [**24**-131 H6].
— West Side, Mich. [**24**-131 G6].
Sagitta (zool.) **5**-187a.
Sagittal sinus (anat.) **4**-10b.
— suture (anat.) **20**-758b.
Sagittaria chinensis (bot.) **2**-434a.
— latifolia: *see* Broad leaved arrow-head; Tule-potato.
— montevidensis: *see* Giant arrow-head.
— sagittifolia: *see* Old World arrow-head.
SAGITTARIUS (astron.) **19**-814c; **5**-595b; **21**-333b; Pl. II. **21**-STAR.
Sagittate leaf **13**-826d.
Sagium, Fr.: *see* Sées.
Sagle, Ida. [**24**-145 B1].
SAGO **19**-814d; Borneo **3**-907d; cooking **5**-158c; mfr. **21**-331b; Papuans **17**-242d.
— mould **5**-158d.
— palm **19**-814d; **9**-465b; fig. 7 **17**-154.
Sago pudding (dish) **18**-752d.
Sagona, isl., Nfd. [**24**-93 C3].
Sagoyewatha: *see* Red Jacket.
Sag principle **12**-441c.
Sagrada, Mo. [**24**-140 D3].
Sagres, Port. [**24**-32 B4]; **11**-448b.
Sagrifizio, Il (play, Beccari) **7**-592a.
Saguache, mts., Colo.: *see* Sawatch.
Sagua la Grande, Cu. **6**-833a.
— la Grande, riv., Cu. **6**-833d.
Saguaro (bot.): *see* Suwarro.
Sagubskoi, U.S.S.R. [**24**-48 D2].
Saguenay, co., Que., Can. [**24**-89 D1].
SAGUENAY, riv., Que., Can. [**24**-89 C1; **24**-187 H4]; **19**-814d.
Saguia el Hamra, riv., Rio de Oro [**24**-78 B3].
SAGUNTO, Sp. [**24**-33 F3]; **19**-815a; **11**-153d; **19**-485b.
Saguntum, Sp.: *see* Sagunto.
Sagus ruffia: *see* Raphia palm.
Sagvahart (head-dress) **15**-622b.
Saha, Megh Nad **21**-563d; **8**-197d; **5**-647c.
Sahadeva (Indian prince) **19**-962a.
Sahagun, Sp. [**24**-32 D1]; **17**-466d.
Sahajananda **22**-955a.
Sahak (Arm. Catholicus) **2**-383d; **2**-382b; **17**-584c.
Sahala Mariem (Aby.): *see* Menelek II.
Sahale Selassie (Aby.) **1**-78d.
Saham, Arab. [**24**-62 F3].
Sahama, mt., Bol. [**24**-160 C4].
Sahand, mt., Pers. [**24**-63 B1]; **17**-549a; **21**-731c.
SAHAPTIN (SHAHAPTIN, Indian fam.) **19**-815b; Pl. I. fig. 7 **16**-NORTH AMERICA.
— (lang.) **5**-139a.
SAHARA, desert, Af. [**24**-76 C3; **24**-78 C4; **24**-184 C3]; **19**-815b; Pl. II. fig. 4 **1**-ALGERIA; Pl. VIII. fig. 1 **1**-AFRICA; **1**-294c; **7**-258a; **11**-753a; **19**-817a; **22**-415a.
Saharan Atlas, mts., Alg. [**24**-78 D2]; **2**-639a.
SAHARANPUR, India [**24**-65 D3]; **19**-818a; **19**-815a.
Sahatonchee, riv., Miss. [**24**-119 D2].
Sahay **2**-777d.
Sahba, Wadi, riv., Arab. [**24**-62 D3].
Sāhdōnā **21**-724c.
Sahel, region, Fr. Sud. [**24**-80 C2].
Sahela Selassié **1**-75b.
Sahi, Syria **21**-716d.
Sahiadriparvat, mts., India: *see* Ajanta, mts., India.
Sahibganj, India [**24**-66 B1]; **19**-975c.
Sahidic **6**-410c; **3**-517d; Pl. III. fig. 2 **3**-BIBLE.
Sahih (Bukhārī) **4**-354c.
SAHOS (SHOHOS) **19**-818b.
Sahr: *see* Warah.
Sahuajo, Mex. [**24**-158 D3].
Sahuaripa, Mex. [**24**-158 C2].
Sahul, shoal, Mal. Arch. [**24**-72 G6].
Sahurē **8**-70c.
Sahy, Czech. [**24**-51 F2].
Sahyadri, mts., India: *see* Ghats, Western, mts., India.
Sahyadriparvat, mts., India: *see* Ajanta, mts., India.
Sai, Egy.: *see* Sais.
—, riv., India **18**-911d.
Saibara **12**-960c.
Sā'ib of Tabriz **17**-609b.
Sa 'id III. **15**-816b.
—, Malik al- **8**-84c.
Saida, Alg. [**24**-78 E2].
—, Syr. **5**-16c.
Saidabad, Pers. [**24**-63 D3].
Said Ahmad: *see* Ahmad, Said.
Saidao, Pnom, mt., Siam [**24**-71 B3].
Saidapet, India [**24**-67 D4]; **5**-588d.
Saidapet, Madras, India **14**-614d.
Sa'id Ben Joseph: *see* Seadiah.
SAID HALIM, Prince **19**-818b; **22**-613a.
— ibn Sultan **15**-981c.
— Mohammed **12**-716d; *see also* Mohammed, Said.
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— Louis Crossing, Ind. [24-127 C3].
— Louis de Ha Ha, Que., Can. [24-89 D2].
— Louis Engineers Committee 18-942d.
— Louis, Iron Mountain and Southern Ry. 2-221d.
— Louis Park, Minn. [24-135 E7].
St. Louis Post-Dispatch (news.) 18-759c.
ST. LOUIS-SAN FRANCISCO Railway Company (U.S.) 19-846a.
St. Louisville, O. [24-124 C3].
—, Loup, Allier, Fr. [24-27 G1].
— Loup, mt., Fr. [24-27 G4].
— Loup (church, Namur, Belg.) 16-65a.
— Loup-de-Naud, Fr. 20-284c.
— Loup-sur-Touet, Fr. [24-26 C1].
— Loup-sur-Semouse, Fr. [24-25 M4].
— Luce, Me. [24-96 D1].
— Lucia, bay, Bor.: *see* Sibuco.
— Lucia, bay, S.Af. [24-81 E3].
— Lucia, isl., S.Af. [24-81 E3].
— **LUCIA**, isl., W.I. [24-157 F4]; 19-846b; 6-82c; 23-534a fol.; battle (1778) 1-802c; Brit. army 10-682b; population 16-504a.
— Lucia (battle, 1848) 12-749d.
— Lucie, co., Fla. [24-115 H4].
— Lucie, Fla. [24-115 H4].
— Ludger (church, Münster, Ger.) 15-967c.
— Luke (fair, Poitiers, Fr.) 18-125b.
— Luke (church, Thebes) 22-44c.
— Luke, Guild of 20-905a.
— Luke's, isl., Bur. [24-66 D4].
— Luke's Hospital Annex (Chicago) 11-794a.
— Lunaire, Fr. 7-389a.
— Lunaire, bay, Nfd. [24-93 C1].
— Luziensteig, Switz. [24-31 H2].
— Lys, Fr. [24-26 E4].
— Macaire, Fr. [24-26 C3].
— Machar (cath., Aberdeen) 1-37b.
— Maclou (church, Rouen) 9-962d; 19-581a; transept door Pl. VII. figs. 3 and 4 23-WOOD CARVING.
— Madelaine, Que., Can. [24-89 B3].
— Magnus, bay, Scot. [24-18 G1].
— Magnus (church, Lond.) 14-352d.
— **MAIXENT**, Fr. [24-26 C1]; 19-847a; military school 7-909c; 9-593b.
— **MALO**, Fr. [24-24 C3]; 19-847a; 19-858a; s.s. route, Southampton [24-22 B2].
— Malo, Que., Can. [24-89 C3].
— Malo, gulf, Fr. [24-22 C2]; 8-480d.
— Malo-de-la-Lande, Fr. [24-24 D2].
— Mamert, Fr. [24-27 H4].
— Mamet, Fr. [24-26 F3].
— Marc, Fr. [24-25 K4].
— Marc, Que., Can. [24-89 B2].
— Marc, Hai. 11-82c.
St. Marceau, Fr. 16-911a.
— Marcel, Indre, Fr. [24-24 G5]; 13-711d.
— Marcel, Que., Can. [24-89 B3].
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— Marcouf, isls., Fr. [24-24 D2].
— Mard, Belg. [24-29 D5].
— Margaret, bay, N.S., Can. [24-88 F4].
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St. Margaret's (church, Westminster abbey, Lond.) 23-540c; 14-352c.
— Margaret's Home (E. Sus.) 7-868c.
— Margaret's Hope, Scot. [24-18 F3].
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— Maries, Ida. [24-145 B2].
— Mark (church, Bristol, Eng.) 4-157a.
— Mark (museum, Florence) 9-388d.
"St. Mark" (paint., Bartolommeo di Pagholo) 3-154b.
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—-Mars, Bénigne d'Auverge de 12-682c.
— Mars-la-Jaille, Fr. [24-24 D4].
— Martha (church, Tarascon) 21-807d.
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St. Martin, parish, La. [24-121 C4].
— Martin, Fr. [24-26 B1]; 17-927d.
— Martin, Md. [24-109 D2].
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— **MARTIN**, isl., W.I. [24-157 F3]; 19-847d; 6-872a; 7-781a; 23-535a.
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— Martin (abbey, Tours) 1-516c.
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— Martin (church, Ger.) 15-233b.
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— Martin-de-Boscherville, Fr. 20-285b.
— Martin-Boulogne, Fr. [24-24 G1].
— Martin d'Auxigny, Fr. [24-24 H4].
— Martin-de-Seignaux, Fr. [24-26 B4].
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— Martin-en-Bresse, Fr. [24-27 H1].
— Martins, N.B., Can. [24-88 D3].
— Martins, isl., Mich. [24-130 E4].
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— Martin's (church, Dev., Eng.) Pl. IV. fig. 2 8-ENGLAND.
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— Martin's-in-the-Fields (church, Lond., Eng.) Pl. III. fig. 6 14-LONDON; Pl. III. fig. 7 15-MODERN ARCHITECTURE; 14-352d;
— Martin's le Grand (post-office, Lond.): *see* General post office.
— Martinsville, La. [24-121 C3].
— Martin-Vésubie, Fr. [24-27 L3].
— Martory, canal, Fr. 10-31c.
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— Mary, bay, N.S., Can. [24-88 C4].
— Mary, cape, Mad. 14-600a.
— Mary, cape, Nfd. [24-93 C3].
— Mary, cape, N.S., Can. [24-88 H3].
— Mary, isl., Azores 2-829d.
— Mary, isls., India [24-67 B4].
— Mary, peak, Rocky Mts. 19-370a.
— Mary, riv., Alta., Can. [24-91 C4].
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— Mary (abbey, Devenish I.) 8-613d.
— Mary (abbey, Som., Eng.) 10-421d.
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— Mary (cath., Swed.) Pl. I. fig. 1 21-SWEDEN.
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— Mary (church, Chislehurst, Eng.) 5-601d.
— Mary (church, Haddington, Eng.) 11-62c.
— Mary Bourne, Eng. [24-15 B4].
— Mary College (St. David's, Wales) 19-826a.
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— Mary in the Field (church, Edinburgh, Scot.) 7-959c.
— Mary-in-Turri (oratory, Vatican) 23-3b.
— Marylebone, borough, Lond. 18-219a.
— Mary-le-Bow (church, Lond.) 2-267c; 14-352d; fig. 2 19-112; 23-803d.
— Mary Magdalene College, (Cambridge) 2-675c.
— Mary of the Arches (church, Lond.): *see* St. Mary-le-Bow.
— Mary of the Woods, Ind. [24-127 A3].
— Mary Redcliffe (church, Bristol, Eng.) il. 4-156; 5-324c.
— Marys, co., Md. [24-109 C2].
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— **MARYS**, O. [24-124 A3]; 19-848a.
— Marys, Ont., Can. [24-90 B3].
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— Mary's, bay, Nfd. [24-93 D3].
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— Marys, riv., Fla. and Ga. [24-115 F1; 24-114 E6].
— Marys, riv., Ind. and O. [24-126 C2; 24-124 A3].
— Marys, riv., Md. [24-109 C2].
— Mary's, riv., Mich. and Ont. [24-130 G3]; 22-757a; 4-691a; canal 4-727d; 10-731a; current 10-730b; Lake Huron 11-937b; 16-794c; 20-11d.
St. Mary's (church, Danzig) 15-232d.
— Mary's (church, Oxford, Eng.) 16-989b; 17-942c.
— Mary's (hosp., Jerusalem) 21-983d.
— Marys City, Md. [24-109 C2].
— Mary's College (Dayton, O.): *see* Dayton, University of.
— Mary's College (Oakland, Calif.) 16-661a.
— Mary's College (St. Andrews, Scot.) 19-822c; 22-873d.
— Mary's College (St. Mary, Ky.) 13-334a.
— Mary's dispensary (Lond.): *see* Elizabeth Garrett Anderson hospital.
— Mary's Guild Hall (bldg., Lincoln, Eng.): *see* John of Gaunt's stables.
— Mary's Hall (school, Burlington, N.J.) 4-424a.
— Mary's Peak, mt., Austr. 2-704b.
— Mary Spital (priory, Lond.) 21-249b.
— Mary's well (Nazareth) 16-178b.
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— Matthew's, isl., Bur. [24-66 D4].
— Matthew's Gospel 6-933c.
St. Maur (Eng. fam.): *see* Seymour.
— Maur, Congregation of: *see* Maurists.
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—-Maurice, Faucher de (writ.) 4-718b.
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— Medard, Belg. 7-388c.
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— Michael (church, Cluj, Rum.) 5-861c.
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— Michael (mosque, Kiev, U.S.S.R.) 13-375d.
"St. Michael" (Flaxman) 9-366a.
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St. Michael in Murano (monastery, Venice) 4-636c.
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— **MICHAEL'S**, isl., Azores 19-848a; 2-66d; 2-829c.
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— Michael's (church, Dumfries, Scot.) 7-729c.
— Michael's (church, Lond.) 14-352d.
— Michael's Memorial (church, Farnborough, Eng.) 9-95c.
— **MICHAEL'S MOUNT**, isl., Corn., Eng. 19-848a; 14-859b.
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— Michel, bay, Fr. [24-22 C2].
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— Mirren's chapel (Paisley abbey) 17-68c.
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— Mungo (church, Auchterarder) 2-669a.
— Mungo's (cath., Scot.): *see* Glasgow: *Cathedral*.
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— **NAZAIRE**, Loire-Inférieure, Fr. [24-24 C4]; 19-849c; s.s. route, Gaudeloupe [24-22 B3].
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— Nepomuk (church, Vienna) 9-907b.
— Nicholaas (church, Amsterdam): *see* Oude Kerk.
— Nicholas, Minn. [24-135 D6].
— Nicholas, Que., Can. [24-89 C2].
— Nicholas, Wales [24-16 A3].
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—-Nicholas (abbey, Angers, Fr.) 9-910b.
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— Patrick's (cath., Cashel, Ire.) 4-962d.
— Patrick's (cath., Dublin) 17-543d; 7-700b.
— Patrick's (cath., N.Y.C.) 16-387d.
— Patrick's bell (Belfast) 3-373b.
— Patrick's cabbage: *see* London pride.
— Patrick's cross 6-753d.
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— PAUL, Minn. [24-135 E7; 24-95 H2]; 19-850d; govt. 18-160a; pop. 15-560c; 22-36c; weather il. 19-851.
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— Paul, Oise, Fr. [24-24 H2].
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— Paul, Réunion 19-235c.
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— Paul, Tarn, France [24-26 E4].
— Paul, Tex. [24-123 F5].
— Paul, Va. [24-110 B4].
— Paul, bay, Nfd. [24-93 B2].
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— Paul, isl., Can. [24-88 J1].
— PAUL, isl., Ind. O. 19-852c.
— Paul, riv., Lib. [24-80 B4].
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— Paul (monastery, Carinthia) 12-638d.
"St. Paul at Lystra" (Elsheimer) 8-379c.
St. Paul-de-Fenouillet, Fr. [24-26 F5].
— Paulin, Que., Can. [24-89 B2].
"St. Paul in Prison" (Raphael) 18-984c.
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— Paul, Minneapolis and Manitoba Railway Co. (Can.) 21-461d.
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— Pé, Fr. [24-26 C4].
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— PETER, Minn. [24-135 E7]; 19-852d.
— Peter, Mont. [24-144 C2].
— Peter, bay, Lab. [24-93 C1].
— Peter, ft., Miss. 23-120b.
— Peter, lake, Que., Can. [24-89 B2]; 19-840d.
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— Peter (cath., Bradford, Eng.) 3-1006c.
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— Peter (cath., Poitiers, Fr.) 18-125b.
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— Peter (church, Vienne) 23-145a.
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— Peter's, Kent, Eng.: *see* Broadstairs.
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— Peters, bay, Cape Breton I., Can. [24-88 J3].
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— Peter's isl., Switz. [24-30 C2].
— Peter's (cath., Lond., Eng.) 21-295d.
— Peter's (cath., Rome) 23-3c; 23-6a; Pl. I. fig. 6 19-ROME; baldachino 2-963b; Barocchio 3-125b; Bramante 4-26c; colonnades Pl. fig. 2 3-BAROQUE ARCHITECTURE; il. 6-40; crypt 6-806a; dome il. 7-512a; Michelangelo 15-415a; mosaics 10-364a.
— Peter's (church, N.Y.C.) 16-387d.
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— Rome-de-Tarn, Fr. [24-27 F3].
— Rosalie, Que., Can. [24-89 B3].
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— Maurice and Lazarus (rel. order) 19-824a.
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— Peter and Paul (church, Oundle) 21-240a.
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— Satur, Fr. 5-416c.
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— Saulge, Fr. [24-25 J4].
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— Sauveur, Hautes Pyrénées, Fr. [24-26 C5]; 11-258b; 14-508d.
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— Savin, Gironde, Fr. [24-26 C2].
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— Sebastien, Que., Can. [24-89 C3].
— Sébastien, Compagnie de (Bruges) 2-266b.
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— -Simon, Henri de, count 20-891c.
— -SIMON, LOUIS DE Rouvroy, duc de 19-859a.
St. Simon, Fr. [24-25 J2].
— Simon, Que., Can. (Bagot) [24-89 B3].
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"St. Simon" (horse) 11-766d.
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— Sophia (mosque, Constantinople) 6-306d; Pl. I. fig.

2 **22**-TURKEY; architecture **2**-25c; **2**-283d; **4**-485b fol., 489b fol.; column il. **6**-85b; dome **7**-512d; doors **7**-532d; interior Pl. I. figs. 1, 2 **4**-BYZANTINE AND ROMANESQUE ARCHITECTURE; Pl. XV. fig. 1 **2**-ARCHITECTURE; mosaic **15**-834d; windows **23**-649b.
St. Sophia (mosque, Cyprus) **6**-933c.
— Sophia (mosque, Salonika) **19**-890d; **4**-485a, 489c; **23**-17d.
Saint-Sorlin, Desmareta de **16**-428c.
— -Sorlin, Henry, marquis de: *see* Nemours, Henry, duke of.
St. Spiridion Foundation (Jassy, Rum.) **12**-970c.
— Stanislas, Que., Can. [**24**-89 B2].
— Stanislaus, Order of (Russ.) **13**-439d.
— Stephen, N.B., Can. [**24**-88 B3].
— Stephen, O. [**24**-124 C2].
— Stephen, S.C. [**24**-113 E3].
— Stephen (cath., Vienna) **23**-140d fol.; **10**-546c.
— Stephen, Knights of **15**-192d.
— Stephen of Hungary, Order of **13**-436c.
— Stephens, Ala. [**24**-118 A4].
— Stephens, Eng. [**24**-15 C4].
— Stephens, Wyo. [**24**-146 D3].
— Stephen's (church, Lond.) **14**-352d; **23**-803d.
— Stephen's (club, Lond.) **5**-859d; auction bridge rules **2**-670d.
— Stephen's College (N.Y.) **6**-77a.
— Stephen's Gate (Jerusalem) **20**-337b.
— Sulpice, Creuse, Fr. [**24**-26 F2].
— Sulpice, Switz. [**24**-30 B3].
— Sulpice, Tarn., Fr. [**24**-26 E4].
— Sulpice (church, Paris) **17**-289a; Pl. I. fig. 10 **15**-MODERN ARCHITECTURE.
— Sulpice-Laurière, Fr. [**24**-26 E1].
— Sulpice-les-Feuilles, Fr. [**24**-26 E1].
— Swithin's (church, Lond.) **14**-362d.
— Swithin's Isle, Scot.: *see* Eilean Subhainn.
— Sylvestre, Que., Can. [**24**-89 C3].
— Sylvestre, Order of (papal) **13**-439b.
— Symphorien, Gironde, Fr. [**24**-26 C3].
— Symphorien, Rhône, Fr. [**24**-27 H2].
— Symphorien-de-Lay, Fr. [**24**-27 H2].
— Symphorien d'Ozon, Fr. [**24**-27 H2].
— Taillefer, Fr. [**24**-27 J2].
— Tammany, La. [**24**-121 E3].
— Thècle, Que., Can. [**24**-89 B2].
— Thégonnec, Fr. [**24**-25 B3].
— Thomas, Ill. [**24**-129 B5].
— Thomas, Mo. [**24**-141 **E3**].
— Thomas, Nev. [**24**-153 F6].
— Thomas, N.Dak. [**24**-136 G1].
— **THOMAS**, Ont., Can. [**24**-90 B3]; **19**-859c.
— Thomas, Pa. [**24**-106 D4].
— Thomas, Port. E. Af. [**24**-82 A2].
— Thomas, W.Af. **19**-860b.
— **THOMAS** (São Tomé), isl., W.Af. **19**-859c.
— **THOMAS**, isl., W.I. [**24**-157 F3]; **19**-860d; **23**-191a; Denmark **7**-213c; pop. **23**-535a; Pl. figs. 1, 4 **23**-VIRGIN ISLANDS.
— Thomas, mt., India [**24**-67 D4]; **22**-143d.
— Thomas (church, Salisbury, Eng.) **19**-887d.
— Thomas Christians (Syr.) **19**-409b; **14**-226b.
— Thomas' College (Colombo) **6**-88d.
— Thomas College (Minn.) **19**-851d.
— Thomas' College (Pa.) **20**-188d.
— Thomas's Hospital (Lond.) **11**-793b; **16**-446c; **14**-365d.
— Thomas's Sisterhood (Oxford) **20**-721d.
St. Thomé, Madras **14**-615d.
— Tite, Que., Can. [**24**-89 B2].
— Tite-des-Caps, Que., Can. [**24**-89 C2].
— Trivier de Courtes, Ain, Fr. [**24**-27 J1].
— Trivier-sur-Moignans, Ain, Fr. [**24**-27 H1].
— Trojan-les-Bains, Fr. **16**-769c.
— **TROND**, Belg. [**24**-29 D4]; **19**-861b.
— Tropez, Fr. [**24**-27 K4].
— Tropez, gulf, Fr. [**24**-27 K4].
— Trophime (cath., Arles) **2**-372c; Pl. XV. fig. 2 **2**-ARCHITECTURE.
— Tudwal, isl., Wales [**24**-16 B2].
— Tudwall (light, Wales) **14**-97b.
— Tudy, Conn., Eng. [**24**-17 B4].
— Ubalde, Que., Can. [**24**-89 B2].
— Ubes, Port.; *see* Setubal.
— Ulrich, Alps **7**-511a.
— Ulrich and St. Afra (church, Augsburg) **9**-903d.
— Urban, Switz. [**24**-30 D2].
— Urban (church, Troyes, Fr.) **19**-2b; gargoyle fig. A **10**-25.
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— Vaast, Belg. [**24**-29 C4].
— Vaast, Rade de, bay, Fr. [**24**-24 D2].
— Vaast de la Hougue, Fr. [**24**-24 D2].
— Valentine's day **9**-132d.
— Valérien, Que., Can. [**24**-89 B3].
— Valery, Fr. [**24**-24 G1]; **20**-285a.
— Valery-en-Caux, Fr. [**24**-24 F2].
— Vallier, Alpes-Maritimes, Fr. [**24**-27 K4].
— Vallier, Drome, Fr. [**24**-27 H2].
— Vallier, Que., Can. [**24**-89 C2].
— Vallier, Saône-et-Loire, Fr. [**24**-27 H1].
— Varent, Fr. [**24**-24 E5].
— Vaury, Fr. [**24**-26 E1].
— Vedast (church, Lond.) **14**-352d.
— Veit, Aus. [**24**-50 D3].
— Venant, B. de **15**-56b, 58d.
— Venant, Fr. [**24**-24 H1].
— Véran, Fr. [**24**-27 K3]; **1**-699b.
— Veronica's veil: *see* Sudarium (of St. Veronica).
St. Viator College (Ill.) **13**-256c.
Saint-Victor, Niepce de **17**-801a.
— -Victor, Paul de **9**-799a.
St., Victor, Fr. [**24**-27 H1].
— Victor, Que., Can. [**24**-89 C2].
— Vigeans (church, Scot.) **2**-229b.
Saint-Vincens, Fauris de **23**-20c.
St. Vincent, Edward J. R., viscount **19**-862a.
— **VINCENT, JOHN JERVIS**, earl of **19**-861b; **8**-531a; **9**-830a fol.; **6**-19b.
— Vincent, co., N.S.W., Austr. [**24**-171 J5].
— Vincent, Cape Verde, Isls.: *see* Mindello.
— Vincent, Minn. [**24**-134 A3].
— Vincent, New Caledonia Is., Pac. O. [**24**-176 A2].
— Vincent, Que., Can. [**24**-89 B3].
— Vincent, cape, Port. [**24**-32 B4; **24**-178 D8]; **13**-593c; **18**-786c.
— Vincent, gulf, S. Aus., Austr. [**24**-170 D5].
— **VINCENT**, isl., W.I. [**24**-157 F4]; **19**-862a; **10**-682b; **1**-802c; pop. **16**-504a; **23**-535a.
— Vincent (abbey, Laon, Fr.) **13**-711d.
— Vincent (church, Rouen) **19**-581b.
— Vincent (monastery, Paris): *see* St. Germain-des-Prés.
— **VINCENT, BATTLE OF** (1797) **19**-862c; **6**-19b.
— Vincent College (Pa.) **13**-760c.
— Vincent de Paul (society) **16**-1006d; **17**-710b.
St. Vincent-des-Landes, Fr. [**24**-24 D4].
— Vincent-de-Tyrosse, Fr. [**24**-26 B4].
— Vincent's College (La.) **14**-428b.
— Vith, Belg. [**24**-29 E4].
— Vittoria, mt., Sard. **19**-993b.
— Vittorino, It. **1**-816d.
— Vitus (cath., Prague) **18**-415a.
— **VITUS'S DANCE** (Chorea) **19**-863a; **19**-248d; **20**-683d.
— Vivien, Fr. [**24**-26 B2].
— Vladimir, Order of (Russ.) **13**-439d.
— Vrain, N.Mex. [**24**-148 F4].
— Vrains, Colo. [**24**-147 F1].
— **WANDRILLE**, Fr. **19**-863b.
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— Wendel, Ger. [**24**-38 C4].
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— William's College (York, Eng.) **23**-898a.
— Winifred's Well, Wales **11**-687a.
— Wladimir University (Kiev) **22**-869c.
— Woollos (cath., Newport, Eng.) **16**-325d.
— Wulfrum (church, Grantham, Eng.) **14**-147d; **10**-642b.
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— Yan, Fr. [**24**-27 H1].
— Ybars, Fr. [**24**-26 E4].
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— Zeno (church, Verona) **23**-88c fol.; Pl. II. fig. 4 **4**-BYZANTINE AND ROMANESQUE ARCHITECTURE.
Saio, Aby. map **1**-71.
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Sairam, Sin-Kiang [**24**-68 C3].
— Nor, lake, Sin-Kiang [**24**-68 C3].
Sairandhras (tribe) **4**-977c.
Saire, pt., Fr. [**24**-24 D2].
Sairt, Turk. [**24**-59 J4].
Sairussu, Mong. [**24**-69 H3].
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SAIS, Egy. **19**-863c; map **19**-501 (J5); **7**-59c; **8**-59d.
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Saisi, riv., Brit. E.Af. [**24**-83 F4]; **19**-631b.
Saisnes, Les (Bodel) **5**-255a.
Saison, riv., Fr. [**24**-26 C4].
Saisons, Les (Saint Lambert) **7**-257c.
Saissac, Fr. [**24**-26 F4].
SAISSET, BERNARD **19**-863d; **17**-719c.
Saisunaga (dynasty) **3**-326d.
Saitama, preft., Jap. [**24**-75 L6]; **12**-915d.
Saïtapharnes, tiara of **5**-804a.
Saite (dynasty) **8**-75b; army **8**-55b; embalming **8**-60c; ships **8**-51d; tombs **8**-60d.
Saites, Egy. **8**-49b.
Saitica, charta **17**-247d.
SAITO, MINORU, viscount **19**-864a; **12**-952b.
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Saiyad (Saiyid) **12**-157d; **11**-63d fol.; **4**-980b.
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Sajama, mt., Bol. **1**-902b.
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Sajidi (Sajitta) (race, Bol.) **3**-7c.
Sajo, riv., Eur. [**24**-51 G2].
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Sak, riv., Siam [**24**-71 B2].
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SAKA (SHAKA) (tribes) **19**-864b; **3**-7c; **20**-238a.
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Sakai, Jap. [**24**-74 J6]; **12**-897b.
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SAYAN MOUNTAINS, C.Asia [**24**-57 H3; **24**-181 H3]; **20**-38c; **19**-683d.
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— Ill. [**24**-128 D3].
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—, isls., Siam [**24**-71 A4].
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—, Ark. [**24**-120 B4].
—, Kan. [**24**-142 B4].
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SAYRE, Pa. [**24**-107 E2]; **20**-39c.
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Says Law, mt., Scot. **3**-466c; **13**-628c.
Say's phoebe (zool.) **17**-765d.
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Sayville, N.Y. [**24**-102 G5]; **12**-716c.
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— **AHMAD KHAN, SIR 20**-39c.
— Altāf Husain: *see* Hālī.
— Mohammed Haidarbakhsh: *see* Haidarī.
Sázava, riv., Czech. [**24**-50 D2].
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S.B. (abbrev.) **1**-824d.
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Sb (chem. symbol): *see* Antimony.
Sbeita, Pal. [**24**-60 B6]; map **17**-118.
SBEITLA, Tun. **20**-40c; Pl. II. fig. 1 **1**-AFRICA.
Sbirri (spies) **8**-712d.
S'Bosch: *see* S'Hertogenbosch.
Sbrutch, riv., Pol. and U.S.S.R. [**24**-49 C5].
Sbu, riv., Mor. **15**-812d.
S.C. (abbrev.) **1**-26a.
sc. (abbrev.) **1**-26a.
Sc (chem. symbol): *see* Scandium.
Scab (disease) **2**-138d; **3**-683c; **16**-837d; **18**-327d fol.
Scab (indus.) **5**-844a.
SCABIES (ITCH) 20-40d; **15**-618a; *see also* Mite.
Scabinus (offi.) **16**-248c; **22**-916c; **6**-133b.
Scabiosa knautia: *see* Scabious.
— succisa: *see* Blue scabious; Devil's bit scabious.
SCABIOUS (bot.) **20**-40d; **7**-411b; fig. 3 **9**-409.
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SCAEVOLA (fam.) **20**-40d.
—, Publius Mucius **10**-585b.
—, Q. Mucius **6**-646a.
SCAFELL, mts., Eng. [**24**-177 E3]; **20**-41b; **13**-601c.
— Pike, mt., Cumb., Eng. [**24**-13 A3]; **8**-454d.
SCAFFOLD (SCAFFOLDING) 20-41c; **20**-41c.
Scaife, James Verner **6**-443d.
Scala, Della (It. fam.): *see* Scaliger.
—, Patmos, Aeg.S. **17**-380c.
Scala (anat.) **7**-824c.
— (theatre, Milan) **15**-477a.
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Scala d'Oro (Venice) **16**-431d.
— media (anat.) **7**-824c.
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Scalaridae (zool.) **10**-68d.
Scalariformity (biol.) **22**-987b.
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Scalawags (pol.) **16**-324d; **22**-814a.
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Scaldisien (geol.) **11**-651a.
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Scale (anat.) **20**-753b.
— (bot.) **21**-380b; **18**-7b.
— (math.) **10**-646a; **2**-356a; maps **14**-835b.
— (measure): *see* weighing machines; (mil.) **8**-636d.
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Scalenohedral (crystall.) **6**-815d.
Scalenohedron (crystall.) **6**-819b.
— medius (anat.) **15**-986d.
Scales (educ. tests): *see* Standard tests.
SCALES: *see* Weighing Machines.
— Mound, Ill. [**24**-128 B1].
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Scaling, Yorks., Eng. [**24**-13 D3].
Scalinger (chem.) **5**-361c.
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Scallibas, Port.: *see* Santarem.
Scallop, cave, Staffa, Scot.: *see* Clam-shell.
SCALLOP (zool.) **20**-45c; **20**-821b; **11**-301d.
Scalloper's mill (mech.) **10**-408d.
Scallorn, Tex. [**24**-123 E4].
Scalloway, Scot. [**24**-18 G1]; **20**-501d.
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SCALP 20-45d; **11**-80c; muscles Pl. I. fig. 1 **15**-MUSCULAR SYSTEM.
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Scamandria, Asia M. **22**-502c.
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Scamblesby, Lincs., Eng. [**24**-14 C2].
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SCAMMONY (bot.) **20**-46c; **6**-360d.
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Scandent stem (bot.) **21**-379c.
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Scandia, Kan. [**24**-142 E2].
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— Union (fin.) **15**-692a.
SCANDIUM (met.) **20**-50b; **2**-650d.
Scanf, Switz. [**24**-31 H3].
Scania, prov., Swed. **13**-794b; **22**-942a.
Scanian epoch (geol.) **10**-377c.
Scanlan, Fla. [**24**-115 E1].
Scannabecchi, Lamberto (pope): *see* Honorius II.
Scansorius muscle **15**-988b.
Scantling (yachting) **23**-865d.
Scapa, Scot. [**24**-18 F3].
SCAPA FLOW, chan., Scot. [**24**-18 F3]; **20**-50b; **23**-776d; **23**-782a.
Scapa Flow (Goering) **10**-229d.
Scapania (bot.) **4**-305a.
Scapanorhynchus **20**-293d.
Scapanus (zool.) **12**-402d.
Scape (bot.) **9**-408b.
Scapegoat, mt., Mont. [**24**-144 B2].
— (ritual) **2**-651d; **7**-190c; **19**-801a.
Scaphander cylindrellus (zool.) fig. 30 **10**-66.
Scaphirhynchus (fish): *see* Shovel-head sturgeon.
Scaphoid (bone) **20**-737d; **20**-739b fol.
SCAPHOPODA (zool.) **20**-51a; **10**-61c; **15**-674c.
Scaphura (insect) **15**-519b.
SCAPOLITE (min.) **20**-51d.
Scappose, Oreg. [**24**-151 C2].
Scaptochirus (zool.) **12**-402c.
Scaptonyx (zool.) **12**-403a.
Scapula, Ostorius **4**-820c; **5**-437b.
— (bone) **20**-737b; **20**-741a fol.; diagram figs. 27-28 **20**-743; embryol. **20**-739d; ossification fig. 19 **20**-740.
Scapular nerve, posterior fig. 7 **16**-236.
SCARAB (beetle and gem) **20**-52d; **10**-99b fol.; development **8**-46d; **8**-48c; Egyptian Pl. II. fig. 14 **10**-GEMS IN ART; il. **20**-53; engraving figs. H, I, O, P, Q **10**-98; gold **8**-54d; Graeco-Phoenician Pl. II. fig. 15 **10**-GEMS IN ART; history **8**-55c; rings **19**-312b.
Scarabaeidae (beetles): *see* Coleoptera chafer.
Scarabaeus (beetle) **8**-55c; *see also* Beetle; Scarab.
— sacer: *see* Dung beetle.
Scarabantia (Rom.): *see* Sopron, Hung.
Scaraben, mt. Scot. **4**-539a.
SCARAMOUCH 20-53c.
Scarba, isl., Scot. [**24**-18 C5].
Scarboro, Ill. [**24**-128 C2].
—, Me. [**24**-96 B5].
—, Ont., Can. [**24**-90 C3].
Scarborough, W.I. [**24**-157 F4]; **22**-264b.
—, Yorks., Eng. [**24**-13 D3]; **20**-53c; Batten's bombardment **3**-213b; fish **9**-298a; raid **23**-778d; Rom. Brit. map **4**-160c.
—, bank, P.I. [**24**-73 A2].
Scardapella inca (bird): *see* Inca dove.
Scardinius erythrophthalmus (fish): *see* Roach; Rudd.
Scare (golf) **10**-504c.
Scarf **7**-19a fol.
Scarfed joint (arch.) queen-post roof truss fig. 3 **19**-520.
Scarf joint (carpentry) **4**-912b; figs. 3, 4, 5 **4**-911.
Scarfoglio, Epoardo **20**-340b.
Scaridae (fish) **9**-321b.
Scariff, isl., Ire. [**24**-21 A5].
Scarification (skin) **16**-33c.
SCARIFIER: *see* Cultivating Machinery; Scuffler.
Scariot, Judas (bibl.): *see* Judas Iscariot.
—, Simon (bibl.): *see* Iscariot, Simon.
Scarl, Switz. [**24**-31 J3].
SCARLATINA: *see* Scarlet Fever.
— anginosa: *see* Septic scarlatina.
— maligna: *see* Toxic scarlatina.
— simplex **20**-55a.
SCARLATTI, ALESSANDRO 20-54a; **3**-854a; **20**-987a.
SCARLATTI, DOMENICO (It. comp.) **20**-54c; **20**-977a.
Scarlet (colour) **7**-796c; *see also* Xylidine scarlet.
— berried elder (bot.) **8**-131a.
— bugler (plant) **17**-495b.
SCARLET FEVER (SCARLATINA) 20-54c; **15**-184c; deafness **7**-104b; death rate (table) **18**-741c; serum **2**-80b.
— ibis (bird) **12**-31d.
— larkspur (flower) **13**-726d.
Scarlet Letter, The (Hawthorne) **11**-279d fol.; **16**-575d; il. **1**-790.
Scarlet oak (tree) **16**-660c.
— red (chem.) **16**-73b.
— Rod, usher of the **13**-435b.
— runner (bot.) **3**-255d; **13**-881a.
Scarlets Mills, Pa. [**24**-107 F3].
Scarlet tanager (bird) **21**-779c.
SCARLETT, SIR JAMES Yorke (Brit. gen.) **20**-55c.
—, James, 1st baron Abinger: *see* Abinger.
SCARPANTO, isl., Medit.: *see* Karpathos.
Scarparia, Jacobus A. de **14**-841d.
Scarpa's triangle (muscle) **15**-988b.
Scarpe, riv., Fr. Arras battle **2**-429c; map **2**-429.
Scarpia, isl., Scot. [**24**-18 A3].
Scarrbury, Queens., Austr. [**24**-160 B3].
Scarriff, Ire. [**24**-20 C4].
Scarron, Françoise, Mme.: *see* Maintenon, Françoise d'Aubigné, marquise de.
—, **PAUL 20**-55d.
Scarsdale, Alfred N. H. Curzon, 4th baron **6**-900a.
—, George N. Curzon, viscount: *see* Curzon of Kedleston, George N., 1st baron.
—, Vict., Austr. [**24**-170 F6].
Scartho, Eng. [**24**-13 D4].
Scar tissue (path.) **12**-344c.
Scarville, Ia. [**24**-138 D1].
Scar Water, riv., Scot. [**24**-19 E6].
Scalari, isl., N.S., Can. [**24**-88 K2].
Scátlach (myth.) **6**-843b.
Scatole (chem.) **12**-265a.
Scattering (crystall.) **23**-851d.
— of light (phys.) **14**-76b fol.
Scattery, isl., Ire. [**24**-21 B4]; **13**-381c.
SCAUP (Scaup duck), (bird) **20**-56b; **18**-102d.
Scauri, hill, It. **9**-513c.
SCAURUS, MARCUS AEMILIUS 20-56b; Via Aemilia **1**-221c.
Scavaig, inlet, Scot. [**24**-18 B4].
SCAVENGER 20-56c.
— insects **12**-419d.
SCAVENGER'S DAUGHTER (instru.) **20**-56c; **22**-312a.
Scavenging port (mech.) fig. 3 **7**-350.
Scavi di Roma, Storia degli (Lanciani) **12**-768c.
Scavior Viore (club): *see* Boodle's.
Scaw Fell, mt., Cumb., Eng.: *see* Scafell.
—, reef, South China S. [**24**-71 C4].
Scazon (poetic metre) **11**-587b.
Sc.D. (abbrev.) **1**-26a.
Scealding stool (punishment): *see* Ducking and cucking stools.
Sceales, bay, S. Aus., Austr. [**24**-170 B4].
Sceatt (Sceat, Sceatta) (coin) **4**-168d; **16**-625d.
Sceaux, Fr. [**24**-24 H3]; **21**-272a.
Sceaux, garde des: *see* Seals, keeper of the.
Sceberras, mt., Malta **14**-738b; **22**-956b.
Scél (lit.) **12**-639d.
Sceldwea **3**-425c.
Scelidosaurus (palaeont.) **13**-194a.
Scelidotherium (palaeont.) **16**-42c.
Scél mucci Maic Datho (Ir. story) **12**-640d.
Scemiophris (q.): *see* Sebeknefru.
Scenario (drama): Italian improvised comedy **7**-591c; motion pictures **15**-862c.
Scend (naut.) **11**-170d.
Scenedesmus (bot.) figs. 1, d **1**-593.
Scene direction (motion pictures) Pl. X. figs. 1-6 **15**-MOTION PICTURES.
Scenella (fossil.) **10**-68c.
Scene-painting **7**-427b.

Scenery advertisements **1**-198d; Agatharchus **1**-342b; shifting **21**-284c fol., Sophocles **7**-584b; stage design **21**-281b fol.
"Scenery of the Wang Ch'uan" (Wang Wei) **5**-577d.
Scenes from Clerical Life (G. Eliot) **8**-359a.
"Scenes from the Life of St. Buenaventura" (F. de Zurbaran) **23**-994d.
Scenic, S. Dak. [**24**-137 B3].
—, Wash. [**24**-150 D3].
"Scenic America" (wallpaper) **12**-491d.
Scenic paper (wall-paper) **12**-491d.
Scenographic projection (math.) **7**-254d; *see also* Perspective.
Scent (physiol.): hunting **11**-925b; insects **18**-170d fol.; *see also* Smell and Taste.
Scented orchis (plant) **11**-55c.
Scent-glands (zool.) **4**-897b.
Scentless syringa (bot.) **21**-725a.
Scepsis, Asia M. **22**-502c.
Sceptical Chemist, The (Boyle) **3**-994c.
SCEPTICISM (philos.) **20**-56c; **17**-747d; Aenesidemus **1**-222b; agnosticism **1**-351a; Agrippa **1**-428a; Carneades' views **4**-894a; Hegel **11**-382b; Hume **17**-754a; logic **14**-322b; Thales **22**-14d.
Sceptre (emblem) **6**-763b.
"Sceptre" (horse) **11**-765b.
Sceptre quartz (min.) **18**-831d.
Scesaplana, mt., Aus. [**24**-31 H2]; **23**-254b.
SCEVE, MAURICE **20**-59d.
Scévole (P. du Ryer) **7**-765c.
Scey-sur-Saône, Fr. [**24**-25 L4].
Schaan, Liechtenstein **14**-39b.
Schächen Thal, val., Switz. [**24**-31 F3].
Schachproblem, Das (Berger) **5**-435a.
SCHACHT, HJALMAR (Ger. fin.) **20**-59d: Mark stabilization **10**-308c; Reichsbank **19**-76c.
Schack, Hans Egede **7**-34b.
Schackspere, W.: *see* Shakespeare.
SCHADOW (fam. of art.) **20**-60a.
—, Friedrich W. **20**-60b; **16**-975a.
Schaeberle (astron.) **6**-456d.
Schaefer, Jacob, Jr. **3**-569d fol.
Schaeffer acid (chem.) **16**-73c.
Schaefferstown, Pa. [**24**-107 E3].
Schaerbeek, Belg. [**24**-29 C4].
Schäfer, E. A. **7**-674b; **2**-462d; figs. 1-3 **2**-462, 463; figs. 8-9 **7**-673c.
—, K. **1**-124c.
Schafer, N.Dak. [**24**-136 A2].
SCHAFF, PHILIP **20**-60b; **5**-639d.
Schaffer (gen.) **14**-297b fol.
—, Mich. [**24**-130 D4].
— gauge (mech.) **18**-459a.
SCHAFFHAUSEN, canton, Switz. [**24**-31 F1]; **20**-60c.
SCHAFFHAUSEN, Switz. [**24**-31 F1]; **20**-61a; League (1454) **21**-684a. **1**
Schaffhouse, Switz.: *see* Schaffhausen.
SCHAFFNER, JAKOB **20**-61b.
Schafmatt, Switz. [**24**-30 D2].
Schafter, ft., Haw. **11**-721d.
Schagen, Holl. [**24**-28 C2]; **16**-534b.
Schalauner Haus (castle, Ger.) **22**-216c.
Schale, Ger. [**24**-38 C1].
Schalkau, Ger. [**24**-39 G3].
Schall (missionary) **5**-535d.
Schallenberger (phys.) **12**-444b.
— meter (elec.) **8**-286c.
Schaller, Ia. [**24**-138 B2].
Schalmei (Schalmey) (mus.): *see* Chalumeau; Oboe.
Schamber, S.Dak. [**24**-137 C3].
Schams, basin, Switz. **21**-252b.
—, val., Switz. [**24**-31 G3]; **10**-901a.
Schanck, cape, Vict., Austr. [**24**-171 G7].
Schandau, Ger. [**24**-39 K3].
Schandorff, Sophus **7**-34c.
Schanfigg, val., Switz. [**24**-31 H3].
Schannis, Switz. [**24**-31 G2].
Schanolt, Colombe **21**-406d.
Schanzer (states.) **12**-819b.
Schanzer, Marie **4**-381a.
Schaper, Johann (glassmaker) **10**-403a; **18**-349a; beaker Pl. VI. fig. 3 **16**-GLASS.
SCHAPPE (textile) **20**-61b.
Schapping (silk mfr.) **20**-674d.
Schapville, Ill. [**24**-128 B1].
Schardam, Holl. [**24**-28 D2].
Schärding, Aus. [**24**-50 C2].
Scharfenberg, Albrecht von: *see* Albrecht von Scharfenberg.
Scharhörn, isl., Ger. [**24**-36 D2]; **11**-116d.
SCHARLIEB, DAME MARY Dacomb **20**-61c.
SCHARNHORST, GERHARD J. D. von **20**-61d; **18**-656c.
"Scharnhorst" (cruiser) Coronel **6**-461a; map **6**-460; Falkland Is. **9**-53b fol.
Scharten-Antink, Carel **7**-775d.
—, Margo **7**-775d.
Schattorf, Ger. [**24**-38 C1].
Schaubert (arch.) **2**-609c.
Schauby, Den. [**24**-46 B4].
Schaudinn, F. **18**-631c.
Schaumburg, Ger. [**24**-38 E1].
SCHAUMBURG-LIPPE, rep., Ger. [**24**-38 E1]; **20**-62a; Zollverein **7**-158a.
Schauspiel-direktor, Der (Mozart) **15**-942d.
Schausspielhaus (Berlin) **22**-25c; Pl. I. fig. 5 **15**-MODERN ARCHITECTURE.
Schechem, Pal. **17**-123b; **20**-473a.
Schede, Paul **10**-222d.
Schedel, Francis: *see* Toldy, Francis.
Schedule methods (analysis) **11**-200c.
SCHEELE, KARL W. **20**-62b; barium **3**-112d; chlorine **5**-607c; citric acid **5**-727d; experiments **5**-357d fol.; gallic acid **9**-984c; glycerin **20**-858b; lactic acid **13**-580d; nitrogen in ammonia **1**-818a; prussic acid **18**-658a; pyrogallol **18**-799b; silver nitrate **17**-800a; tartaric acid **21**-824a.
Scheele's green (pigment) **6**-403d; discovery **20**-62b; *see also* Copper arsenite.
SCHEELITE (min.) **20**-62d; **22**-548a.
Scheemda, Holl. [**24**-28 E1].
SCHEER, REINHARD **20**-62d; Jutland **13**-218c; tactics **23**-784a.
Scheerhorn, mt., Switz. [**24**-31 F3].
SCHEFFEL, J. VIKTOR VON (Ger. writ.) **20**-63a; **3**-226d; **10**-227d.
— (measure) **15**-141d.
SCHEFFER, ARY **20**-63b.
Schefferite (min.) **7**-400d.
Scheffler, Johann: *see* Angelus Silesius.
Scheherazade (Ravel) **20**-992c.
— (Rimsky-Korsakov) **19**-311b.
Scheibe, Ger. [**24**-39 K3].
Scheibenberg, Ger. [**24**-39 H3].
Scheideck, Calif. [**24**-155 D5].
—, mt., Berne, Switz. [**24**-30 E3].
—, mt., Schwyz, Switz. [**24**-31 F2].
SCHEIDEMANN, PHILIPP **20**-63b; **7**-880c; **14**-297a.
Scheifling, Aus. [**24**-50 D3].
Scheiner, Christoph, camera obscura **4**-660b; telescope **21**-905b.
Scheiner, Julius **23**-201a; experiment fig. 4 **23**-201.
Scheinfeld, Ger. [**24**-38 F4].
— Canal (battle) **11**-569a.
SCHELDT (Schelde), riv., Belg. [**24**-29 B4; **24**-178 F5]; **20**-63c; **16**-486c; Antwerp docks **2**-87a fol.; Antwerp siege **2**-87c fol.; map **2**-88; Belgium-Holland commerce controversy **13**-613c; closing, 1648 **2**-86b; Seine canal **20**-284a.
—, East (Ooster Schelde), riv., Holl. [**24**-28 B3]; **23**-939c.
—, Wester, riv., Holl. [**24**-29 B3].
Scheler, Max **17**-613d.
Scheleschyrche, Selkirkshire, Scot.: *see* Selkirk.
Schelhorn's Bible: see *Bamberg Bible.*
Schellbourne, Nev. [**24**-153 F3].
Schell City, Mo. [**24**-140 C3].
Schellendorf, Bronsart von **15**-35b.
Schelleng, J. **23**-667c.
Scheller, Ill. [**24**-129 C5].
SCHELLING, FRIEDRICH W. J. von **20**-63d; **17**-754d; Baader **2**-333c; Romantic doctrine **10**-225d.
Schellsburg, Pa. [**24**-106 C3].
Scheltopusik (lizard): *see* Ophisaurus apus.
Schema (philos.) **13**-271a.
Schematic apprehension (psych.) **2**-145b.
— drawing (art) **7**-628c.
Scheme of arrangement (bankruptcy): *see* Arrangement, scheme of.
Schenck, Robert B. **9**-364c fol.
—, O. [**24**-125 A4].
Schene, Sur., Eng.: *see* Richmond.
Schenectady, co., N.Y. **20**-65a.
SCHENECTADY, N.Y. [**24**-103 G3]; **20**-65a.
Schenevus, N.Y. [**24**-103 F3].
Scheng (mus.): *see* Cheng.
Schenkel, Karl F. **15**-991b.
Schenkendorf, M. von **10**-226a.
Schepel (measure) **15**-141d.
Schepenen (offi.): *see* Scabinus.
Schérer, Barthélemy L. J. **9**-815b fol.; **9**-822d fol.
SCHERER, EDMOND H. A. **20**-65b.
—, **WILHELM** (Ger. philol.) **20**-65c.
Schererville, Ind. [**24**-126 A1].
Scherfede, Ger. [**24**-38 E2].
Scheria, isl., Gr.: *see* Corfu.
Schering (phys.) **8**-224a.
Schermbeck, Ger. [**24**-38 B2].
Schermeisel, Ger. [**24**-39 L1].
Schermuly life-saving rockets **19**-367b.
Schernberg, Ger. [**24**-39 F2].
Schertzer, bridge **4**-130b.
Scherzlingen, Switz. [**24**-30 D3].
SCHERZO (mus.) **20**-65c; **20**-981d.
Schesslitz, Ger. [**24**-39 G4].
Scheuss, riv., Switz.: *see* Suze.
SCHEVENINGEN, Holl. [**24**-28 C2]; **20**-67d; pier Pl. I. fig. 2 **11**-HOLLAND; promenade Pl. III. fig. 5 **11**-658; sea wall fig. 18 **5**-928.
Schewetin, Czech. [**24**-39 K4].
SCHIAPARELLI, GIOVANNI V. **20**-67d; Mars **14**-959d fol.; Mercury **15**-268d; fig. 2 **15**-268; venus **23**-72a.
Schiavone (Meldolla), Andrea **6**-746d.
Schiavonetti, Luigi **21**-411a.
SCHICHAU, FERDINAND **20**-68a.
SCHICKELE, RENE **20**-68b.
Schick test (med.) **7**-307d; **5**-470b; **7**-403a; **15**-184c.
Schidrowitz, Philip **19**-606b.
SCHIEDAM, Holl. [**24**-28 C3]; **20**-68b; shipping **11**-653c.
Schiehallion, mt., Scot. [**24**-18 D5]; **20**-140a.
Schiel, Jacob H. W. **5**-365a.
Schiele ventilating fan **5**-888d.
Schiermonnikoog, isl., Holl. [**24**-28 E1].
Schiers, Switz. [**24**-31 H3].
Schiff, H. **1**-549c; **5**-406c fol.
—, **JACOB H.** **20**-68b.
Schiffenberg, Ger. [**24**-38 D3].
Schifferstadt, Ger. [**24**-38 D4].
Schilbeidae (fish) **9**-316c.
Schilbunc (myth.) **16**-408d.
Schild, mt., Switz. **10**-394a.
Schildau, Ger. [**24**-39 H2].
Schilderboeck, Het (van Mander) **7**-772c.
Schilder-Schuldner (gern.) **19**-768b.
Schildhauer, Edward **17**-173a.
Schildpadden Bay, Jav. **5**-466a.
Schildt, Runar **9**-256d.
Schilf-Glaserz (min.): *see* Freieslebenite.
Schilizzi, Helena: *see* Venizelos, Helena.
SCHILL, FERDINAND B. von **20**-68c.
SCHILLER, J. C. FRIEDRICH von **20**-68c; Pl. fig. 8 **10**-GERMAN LITERATURE; Cotta **6**-520a; Danneckers bust **7**-36b; drama **7**-614b; Ger. lang. **10**-216c; Goethe **10**-472b; Sturm und Drang **10**-224d.
Schiller, Johann Kaspar **20**-68d.
—, Julius **6**-313b.
Schilling, Diebold **21**-671c.
Schillingsfürst, Ger. [**24**-38 F4].
SCHILTBERGER, JOHANN (Hans) **20**-70b.
Schilthorn, mt., Switz. [**24**-30 D3].
Schiltigheim, Fr. **3**-186d.
Schiltron (mil.) **2**-401a, d.
Schimmel, Hendrik J. **7**-616a.
Schimmelpenninck, Rutger J. **11**-662a.
Schimpf und Ernst (Pauli) **10**-221c.
Schindellegi, Switz. [**24**-31 F2].
Schindylesis (joint) **13**-128b.
Schinkel, K. Friedrich **20**-872c; **3**-446d.
Schinner, A. J. **11**-142c.
Schinus Molle (tree): *see* Pepper tree.
— terebinthifolius (tree): *see* Christmas-berry-tree.
SCHINZNACH, Switz. [**24**-30 E2]; **20**-70c; **15**-531d.
Schio, It. [**24**-34 C2].
Schipbeek, riv., Holl. **7**-283b.
Schipol, Holl. **11**-657b.
Schipperke (dog) **7**-497c.
Schirgiswalde, Ger. [**24**-39 K2].
Schirmeck, Fr. [**24**-25 N3].
SCHISM (rel.) **20**-70d; Donatist **7**-525a; *see also* Church History; Heresy, Papacy.
—, Great: *see* Great Schism (of the West).
— Act (Eng.) **8**-524d.
Schismate, De (Niem) **16**-432b.
Schistes Lustrés (geol.) **1**-690d.
Schistocera americana (insect): *see* Locust.
Schistocerca gregaria (peregrina) (locust) **14**-291b; fig. 2 **14**-291.
Schistosity (geol.) **17**-854c.
Schistosoma (worm) bladder disease **10**-69c; bilharziasis **3**-561b; tremalodes **22**-451b fol.; il. **3**-561; il. **17**-272.
— japonicum **22**-452c; **3**-561b; **7**-818c.
— mansoni **22**-452c; **3**-561b; **7**-818c.
SCHISTOSOMIASIS: *see* Bilharziasis; *see also* **22**-495d.
SCHISTS (petrol.) **20**-70d; folding Pl. II. figs. 6, 7 **10**-GEOLOGY.
Schizaeaceae (bot.) **17**-77b; **18**-729a.
Schizanthus (flower) **20**-938c.
Schizocarps (bot.) **9**-878c.
Schizocoel (embryol.) **8**-389b.
Schizogamy (zool.) **1**-992c.
Schizogregarinaria (biol.) **18**-634b.
Schizomus (zool.) **17**-432b.
Schizomycete (bac.) **2**-901a fol.
Schizoneura (fossil plant) **17**-82c; **17**-84a fol.
Schizophoria resupinata (zool.) **4**-841d.
Schizophrenia (med.) **18**-722b; *see also* Dementia praecox.
Schizophyceae (algae) **17**-71d.
Schizopoda (zool.) **17**-107b.
Schizorrhis concolor (bird): *see* Slate-brown grey touracou.
Schizotrypanosis (disease) **18**-630c.
Schizotrypanum cruzi (biol.) **18**-632b.
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Schläger (weapon) **21**-694b.
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Schlagruthe (divination) **7**-451c.
Schlangenbad, Nassau **15**-530d.
Schlangenkurve (math., Ger.): *see* Serpentine.
Schlans, Switzerland: [**24**-31 G3].
Schlater, Miss. [**24**-119 B2].
Schlatter, Michael **19**-44d.
Schlawe, Ger. [**24**-40 C1].
Schlechter (chess player) **5**-433a fol.
Schlee, Edward F. **2**-811b; Pl. III. fig. 13 **22**-TRANS-O. AND TRANS-CONT. FLIGHTS.
Schleicher, Tex. [**24**-122 D4].
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—, Dorothea M. von **20**-72a.
—, **FRIEDRICH VON** **20**-71d; **10**-225c.
—, J. Adolf **20**-71b.
—, J. Elias **10**-223d.
Schleich, E. **4**-869d.
Schleicher, August **17**-741a.
Schleich-handel (illicit trade) **18**-994c.
Schleiden, M. J. **3**-615c.
—, Ger. [**24**-38 B3].
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Schleins, Switz. [**24**-31 J3].
Schleitheim, Switz. [**24**-31 E1].
Schleiz, Ger. [**24**-39 G3].
Schlempe process (chem.) **6**-914c.
Schlesinger, Frank **17**-836a; **22**-410c.
—, Kathleen **16**-4d.
SCHLESWIG, Ger. [**24**-36 D1]; **20**-74a.
—, Ia. [**24**-138 B2].
—, North (Nord Slesvig), dist., Den. [**24**-46 B3].
— -Gottorp, Christian Augustus, duke **1**-176b.
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SCHLEY, WINFIELD S. **20**-78b; **5**-702d.
—, co., Ga. [**24**-114 B4].
Schleyer, F. **22**-862a.
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Schlick, Arnold **17**-968c.
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Schlippenbach, cape, Kor. [**24**-69 M3].
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Schlitz, Georg Heinrich von Görtz, baron von: *see* Görtz.
—, Ger. [**24**-38 E3].
Schliz (archae.) **2**-253d.
Schloessing, J. H. **2**-907a.
Schlokat, J. **2**-621d.
Schlömilch, O. **8**-302c.
Schloppe, Ger. [**24**-40 C2]
Schloss Beichtingen, Ger. [**24**-39 G2].
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— Esterházy, Hung. **8**-735a.
— Heldrungen, Ger. [**24**-39 G2].
— Homburg, Ger. [**24**-38 C3].
— Ilsenburg, Ger. **12**-108a.
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Schmalkaldic Articles (rel.) 6-660d.
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—, H.W. 10-403b.
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—, R. 19-880c.
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Sensitive plant (bot.) **15**-520c; **13**-881d; fig. 14 **13**-826.
Sensitive sphere **5**-301a.
Sensitivity (phot.) **17**-801c.
SENSITIVITY (radio) **20**-330d.
Sensitizer (phot.) **7**-802c.
Sensitometry (phot.) **17**-811b.
Sensorial attention (psych.) **2**-658a.
Sensori-motor arc (physiol.) **11**-107d fol.; development **5**-469a.
Sensory aphasia (path.): *see* Receptive aphasia.
— automatism **2**-788d.
— axone (physiol.) **2**-819d.
— decussation (anat.) **4**-11b.
— -deprivation (path.) **12**-387d.
— ganglia (anat.) **4**-15b.
— hair cells (anat.) **7**-824c.
— inlet (psych.) **11**-107d fol.
— neurone (psych.): *see* receptor.
Sensum (philos.) **13**-453b.
Senta, Yugos. [**24**-52 D2].
Sen-tei (garden) **12**-056b.
SENTENCE (law) **20**-330d.
— cap (dress): *see* Square cap.
Sentences (Lombard) **22**-864a.
Sentences et maximes morales (la Rochefoucauld) **9**-790b.
Sententiae Receptae (Rom. law) **4**-100b.
Sentience (psych.) **1**-960c.
SENTIMENT (psych.) **20**-331a; **5**-242c; **7**-967d; **17**-850b.
Sentimental Journey (Sterne) **21**-399c.
Sentinas, pt., Sp. [**24**-33 E4].
Sentinel, Ariz. [**24**-149 B6].
—, Mo. [**24**-140 D4].
—, Okla. [**24**-143 D3].
—, North, isl., India [**24**-66 C4].
—, South, isl., India [**24**-66 C4].
—, mt., Mont. **15**-609d.
— Dome, mt., Calif. [**24**-154 D4].
— engine (mech.) **15**-922b.
SENTINUM, It. **20**-331a.
Sent to base (baseball) **3**-167a.
Sento Sé, in Brazil [**24**-164 B2].
Senudebu, Sen. [**24**-80 B3].
SENUFO (people) **20**-331a.
Senusert (Egy. kings): *see* Sesostris.
SENUSSI (SENUSSITES) 20-331a.
—, **OPERATIONS AGAINST** The **20**-333c.
Senwosri I. (Egy.): *see* Sesostris.
— II. (Egy.) **8**-71c.
— III. (Egy.) **8**-46d.
Senynyey, Pál, baron **2**-143c.
Senzo Nishikawa **7**-19a.
Seo de Urgel, Sp. [**24**-33 G1]; **13**-959d.
Seon, Switz. [**24**-30 E2].
Seonath, riv., India [**24**-67 D2].
SEONI, India [**24**-67 C2]; **20**-334a.
Seosseres (myth.) **5**-716a.
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Sepal (bot.) **9**-410b.
Sepanjang, isl., Mal. Arch. [**24**-72 E5].
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— graves, People of the **21**-985b.
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— (chem.) **5**-400a fol.; *see also* Extraction.
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—, Act of (1843, Scot.) **9**-729d.
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— Well, Austr. [**24**-168 C3].
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Separative grammar (lang.) **10**-612a.
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—, **MAGNETIC 20**-334c.
—, **STEAM 20**-334c.
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Sephardic Jews **13**-58b.
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SEPIA (pigment) **20**-334d.
— (fish) **6**-910b; fig. 12 **5**-151; *see also* Cuttlefish.
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Sepólno, Pol. [**24**-40 C2].
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— tank (plumbing) **19**-946a.
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SIKH WARS 20-649c; 12-196a; first 13-797b; 15-778a; Ferozepur mutiny 9-180b; second 1-289d; 6-987d.
SI-KIANG, riv., China [24-70 A5; 24-181 K6]; 20-650c; 5-509a.
—, upper, riv., Asia: *see* Paia-ho.
—, West, riv., China [24-70 B5].
Sikihor, isl., P.I. [24-73 B4].
Sikino, isl., Gr. [24-55 D4].
Sikka: *see* Siegfrid.
— (lang.) 2-782b.
SIKKIM, state, India [24-66 B1]; 20-650d; 7-60c; 13-945c.
— cucumber 6-845a.
Siklós, Hung. [24-51 F4].
Sikorski 19-766d.
Sikri, India 12-189c.
Siksha 19-958a
Siksika (tribe): *see* Blackfoot.
Siktach, (Sib.) U.S.S.R. [24-57 L2].
Sikukuni 4-401a; 21-634a; 22-424c.
Sil, riv., Sp. [24-32 C1].
—, lakes, Swed. [24-44 E2].
—, mt., Af. 19-616c.
Sila, Kuku Nor [24-68 F5].
—, dist., It. 4-297b fol.; 2-95c.
—, mts., It. 4-543b fol.; 12-756b.
Siladitya: *see* Harsha.
SILAGE: *see* Ensilage; *see also* 11-233a.
Silahara ((dynasty) 3-835a.
Silairsk, U.S.S.R. [24-49 J4].
Silam, N.Bor. [24-72 E2]; 3-914a.
Silanes (chem.) 20-655c.
Silanus, M. J. (Rom.) 5-707c.
Silao, Mex. [24-158 D3]; 10-931a.
Silarus, riv., It. 14-455d; 12-756c.
SILAS (prophet) 20-651c; 2-119d; Paul 17-389c; Thessalonians 22-130c.
Silas, Ala. [24-118 A4].
Silas, Ga. [24-114 D5].
Silas Marner (Eliot) 8-359a, 8-597b.
SILAY, P.I. 20-651c.
Silbermann, G. 5-104b; organ 17-969a; pianoforte 17-896b fol.
Silbury, hill, Wilts., Eng. 2-793b.
Silchar, India [24-64 J3].
SILCHESTER, Hants., Eng. [24-15 B4]; 20-651c; il. 4-163; 4-163b fol.
Silco (k.) 16-585d.
Sildefjord, Nor. 11-184d.
Silen: *see* Silenus.
Silénai, Lith. [24-47 B3].
"Silence" (Saint-Gaudens) 19-830c.
Silence, zones of (phys.) 21-25b.
Silene acaulis: *see* Alpine moss campion.
— inflata: *see* Bladder campion.
Silenen, Switz. [24-31 F3].
Silene nutans 4-957c.
Silenoideae 4-957b.
Silenrieux, Belg. [24-29 C4].
Silent chain 18-392c.

Silentiarius: *see* Paulus.
Silent Knight engine **12**-508d.
Silent prayer (rel.) **18**-420b.
Silent Run, Ky. [**24**-116 C3].
SILENT TRADE: *see* Trade, Primitive.
Silent Woman, The (Jonson) **8**-582d.
SILENUS (myth.) **20**-651d; Bes **8**-59d; Midas **15**-448b; Livy **14**-243a.
Siles, H. (Bol.) **3**-820c.
SILESIA, Ger., Pol. [**24**-40 C3; **24**-40 D3]; **20**-651d; archaeology **2**-250d; army **3**-754c; division **18**-149c; Frederick the Great **9**-716c; geology **3**-202d; minorities treaty **15**-569b; plebiscite **10**-307c; **20**-653b; population **18**-129b; Versailles **23**-93d.
SILESIA, Czech. [**24**-51 E1]; **20**-654b; Bohemian **3**-784b fol.; dialect **6**-963b; population **6**-953a.
—, Mont. [**24**-144 D3].
— (fabric) **6**-552d.
Silesian Pallas: *see* Cunitz, Maria.
— school (lit.) **7**-343b; **10**-233b; **16**-809a.
— **WARS** **20**-654c; map **20**-380; **2**-778a fol.; **10**-274c; *see also* Seven Years' War.
Siletz, Oreg. [**24**-151 B3].
Silex, Ark. [**24**-120 B2].
—, Mo. [**24**-141 F2].
— (stone): *see* Flint.
Silex Scintillans: or Sacred Poems and Pious Ejaculations (H. Vaughan) **23**-14d.
SILHOUETTE, E. DE **20**-654c.
Silhouette, isl., Ind.O. **20**-420d.
SILHOUETTE **20**-651c.
Silica, Ariz. [**24**-149 F7].
—, O. [**24**-124 B2].
—, Wis. [**24**-133 E6].
SILICA **20**-654c; **18**-100a; blast furnace slag **3**-702b; bottle mfg. **3**-953d; cement **5**-106a; Dead Sea salinity **7**-99d; electric lamps **8**-292d; flint **9**-382a; glass **10**-414a; metrology **15**-364c; olivine **16**-776c; ore deposits **16**-875c; petrified plants **17**-71b; porcelain **21**-876d; source **19**-934b; **17**-871b.
— brick **9**-267b; **9**-946a.
— gel **1**-183a; adsorbent **16**-164b.
Silical process **11**-977b.
Silicate crystals **23**-858d; properties **23**-857a.
Silicates **20**-655a; buffer substances **4**-344c; dyes **7**-805d.
Silicia, Minn. [**24**-134 E4].
Silicobenzoic acid **20**-656c.
Silico-carnotite **9**-193d.
Silicochloroform **20**-656a.
Silico-chromium steel **21**-369b.
Silicofluoric acid **20**-655d.
Silicoidoform **20**-656b.
Silico-manganese steel **21**-369b; **14**-799c.
Silicomesoxalic acid **20**-656c.
SILICON **20**-655a; **15**-526c; alloys **21**-369b; **22**-296b; **1**-717a; fig. 2 **1**-717; Pl. II. figs. 1-4, 8 **1**-ALLOYS; blast furnace iron **3**-702a; derivatives **16**-808a; elements **8**-347d fol.; iron mfg. **12**-654d; **5**-1c; isolated **5**-361c; isotopes **12**-730a; production **17**-871a; **1**-121b; spectrum sequence fig. 17 **21**-193; stereochemistry **21**-394a; symbol **2**-650d.
Silicon amide **20**-656b.
— bronze **4**-240b.
— **CARBIDE** (chem.) **20**-656c; *see also* Carborundum.
— fluoride **18**-482d.
— iron **14**-662a.
— salts **20**-655d fol.
SILICON STEEL **20**-657a; **12**-667b; bridge construction **4**-132a; hysteresis loss **14**-661b; manganese **14**-799b; properties **8**-329d; **14**-662a; transformers **22**-409a.
— sulphide **20**-656b.
— tetraiodide **20**-656a.
— tetramethyl **20**-656c.
— tetraphenyl **20**-656c.
Silicosis **6**-908b; **12**-309a; *see also* Miners' phthisis.
Silicula (bot.) **9**-878d.
Silification **19**-272a.
Siliguri, India **3**-405a.
Silihli, Turk. [**24**-58 C3].
Si-ling, lady of **20**-664c.
Silingae (tribe) **10**-254d.
Silingas S. **14**-215d.
Silingian Vandals **22**-971b.
Siliqua (coin) value **16**-624a.
— (bot.) **9**-878c.
SILISTRA, Rum. [**24**-53 D3]; **20**-657a; fortress **7**-868a; **22**-992c; Russ. **19**-767b.
Silius, Gaius **15**-303d.
— **ITALICUS** (poet) **20**-657b; **13**-585c; **5**-776a.
Silivri, Turk. [**24**-58 C2].
Siljan, Swed. [**24**-45 F1].
—, lake, Swed. **21**-636d; **6**-987a.
Silk acetate **7**-790b; *see also* Celanese.
—, **ARTIFICIAL** **20**-658c; acetone **1**-116c; chlorine production **5**-607b; cotton industry **6**-553a fol.; indus. **10**-707b; Italy **12**-776c; knitting-machine **11**-789c; vegetable fibre **9**-213a fol.; dyeing **7**-791a.
— **AND SERICULTURE** **20**-664d; Pl. fig. 1 **20**-SILK AND SERICULTURE; **9**-213d; fig. 26 **13**-953; **9**-215c; ancient **22**-1d; cocoon **13**-953a, fig. 27 **12**-413; China **5**-518a; dandelion leaves **7**-24b; eggs of silk-worm **20**-666b; feeding Pl. fig. 2 **20**-SILK AND SERICULTURE; France, output **9**-599a; moth **13**-951b; **13**-956a; Pasteur **17**-359b; wild **9**-213d.
— -cotton (tree) **1**-734c; Cuba **6**-834c; Gold coast **22**-446b; Venez. **23**-51b.
— damask **7**-4a fol.
Silkeborg, Den. [**24**-46 B2].
Silken Thomas: *see* Kildare, Thomas Fitzgerald, earl of.
SILK FABRICS, ARTIFICIAL **20**-671a; **6**-524c; *see also* Kapok.
— hat **11**-250c.
— **MANUFACTURE** **20**-672a; Bilejik **3**-561a; bleaching **3**-715d; Brit. production **10**-707b; China **5**-518a; **4**-772b; dyeing **7**-789d fol.; India **12**-182d; **22**-4a; Italian Pl. V. fig. 3 **22**-TEXTILES AND EMBROIDERIES; Japan **12**-902b; Khotan **13**-366c; Lombardy **14**-344b; Lyons **14**-530d; Paterson, N.J. **17**-375d; prices **18**-475a; printing **21**-1005c; production **9**-213d; South **21**-41b; U.S. **22**-755c; weaving **4**-490a; Switz. **21**-680a.
Silko (chief) **7**-528b.
— seal **20**-676c.
— spinning moth fig. 27 **13**-953.
— spreader **20**-675d.
Silkstone, Yorks., Eng. [**24**-14 B2]; **3**-124c.
SILK TRADE **20**-676c.
Silk-vine **2**-502a.
— -warp cashmere: *see* Henrietta Cashmere.
—, wild **9**-213d.
Silkworm: *see* Silk and Sericulture.
Silky ant-eater: *see* Two-toed ant-eater.
— armadillo **7**-950a.
Silk yarn **23**-879b.
Silky dogwood **7**-503d.
— oak **18**-601b.
— willow N. Am. **23**-628c.
— wistaria **23**-686b.
SILL, E. R. **20**-677c.
—, ft., U.S. **13**-814b.
SILL (bldg.) **20**-677d; **15**-21c.
SILL (geol.) **20**-677d.
Silla (anc. king.) **13**-489d; Jap. hist. **12**-930a fol.; pottery **18**-369a.
— de Caracas, mt., Venez. **4**-825c.
— de Torrellas, mts., Bal. Is. **14**-698d.
Sillaginidae (zool.) **9**-320d.
Sillanpää, F. E. (Fin. au.) **9**-256b.
Sillé le Guillaume, Fr. [**24**-24 E3].
Siller, riv., India [**24**-67 D3].
SILLIMAN, BENJAMIN **20**-678c; J. D. Dana **7**-12d; **23**-875a.
— Institute (P.I.) **7**-724c.
SILLIMANITE (min.) **20**-678c; kyanite **13**-529a.
Silliman's Journal (Am. period.): *see American Journal of Science and Arts.*
Silloth, Cumb., Eng. [**24**-13 A3].
Sillu, anc. town, Cyprus: *see* Soli.
Silno, Pol. [**24**-41 G3].
SILO (agri.): *see* Ensilage; *see also* **12**-282d; filling **8**-161b; **8**-165d; il. **8**-617.
— (arch.) **10**-624c.
Siloam, Ill. [**24**-128 B4].
—, Ky. [**24**-116 H2].
—, N.C. [**24**-112 E1].
—, Pool of (Jerusalem) **11**-354b; Bethesda **3**-480c; Pl. II. fig. 6 **17**-PALESTINE.
— Springs, Ark. [**24**-120 A1].
— Springs, Mo. [**24**-141 E5].
Silos, abbey (Burgos, Sp.) **4**-405a.
Silpa-śāstra (Indian lit.) **12**-221d.
Silpha opaca (beetle) **6**-3c.
Silphidae (zool.) **6**-3c.
Silphium laciniatum: *see* Compass plant.
Silpia, Sp.: *see* Ilipa.
Silpin (artist) **12**-210d.
Sils, Grisons, Switz. [**24**-31 G3].
—, Grisons, Switz. [**24**-31 H4].
—, lake, Switz. **21**-676b.
Silsbee, Tex. [**24**-123 G4].
Silser, lake, Alps **1**-695d.
— See, lake, Switz. [**24**-31 H4].
Silsileh, ft., Egy. **8**-101a.
Silt (soil) **20**-927c; water capacity **18**-21a; foundations **9**-553d.
Siltcoos, Oreg. [**24**-151 A4].
Silurean (geol.): *see* Silurian.
SILURES (anc. tribe) **20**-678d; defeated by Romans **4**-520a; Rom. Emp. map **19**-500 (B1).
SILURIAN SYSTEM (geol.) **20**-678d; in Af. **1**-300a; in Austr. **2**-705d; brachiopods Pl. fig. 11 fol. **3**-BRACHIOPODA; Brazil **4**-40d; development **20**-679a fol.; Eng. and Wales **8**-160d; fauna **17**-106d; fossils **17**-103d; Murchison's studies **10**-157b; **15**-974b; origin of name **10**-172d; U. S., Palaeozoic era **22**-724d; *see also* Ordovician System.
— Scorpion (fossil) **2**-204c.
Siluridae (zool.) **9**-316d; *see also* Catfish.
Siluroidea (zool.) **9**-316a.
Silurus glanis: *see* European cat-fish; Wels.
SILVA, ANTONIO JOSE DA (Port. dram.) **20**-681b.
—, Antonio Maria da (Port. premier) **18**-283d.
—, João M. P. da (Braz. hist.) **4**-60c.
—, José Asunción (Colom. poet) **21**-150b.
—, Rodriguez de (Sp. jur.) **23**-32a.
—, Ruy Gomez de (prince of Eboli) **17**-504d.
—, Samuel da (Jewish au.) **21**-232b.
—, N. Dak. [**24**-136 E1].
— Cabral, Mateo da (Port. writ.) **17**-906d.
Silvae (poems, Statius) **21**-345a.
Silvana, Wash. [**24**-150 C2].
Silvanus (bibl.): *see* Silas.
SILVANUS (myth.) **20**-681c.
— (tyrant, Gaul) **19**-506d.
—, M. Plautius (Rom. tribune) **4**-830c.
Silvaplana, lake, Alps **1**-695d; **8**-441a.
Silvara, Pa. [**24**-107 E2].
Silveira, Fernão da (Port. writ.) **18**-292a.
Silvela, Francisco (Sp. pol.) **21**-139a.
Silver, Ark. [**24**-120 B3].
—, Mich. [**24**-130 C3].
—, S.C. [**24**-113 D3].
—, bank, W.I. [**24**-157 E2].
—, cr., Ill. [**24**-129 C5].
—, cr., Oreg. [**24**-151 F4].
—, lake, Que., Can. [**24**-89 A2].
—, lake, N.H. [**24**-97 C3].
—, lake, N.Y. [**24**-102 B3].
—, lake, Oreg. [**24**-151 E4].
—, mt., Bol. **18**-337a.
—, mts., Ida. [**24**-145 B7].
—, mt., Nfd. [**24**-93 B2].
SILVER (met.) **20**-681d; alchemy **1**-536c; restoration of art objects **4**-252a; magnetic moments **14**-666a; med. uses **20**-683c; Moham. art **15**-655d; in pyrargyrite **18**-793d; transmutation **22**-412d.
—: *Currency:* **1**-663a; anc. coinage **16**-615d; Eng. standard **15**-579c; free coinage U.S. **22**-819b; minting **15**-579b fol.; panic (1893) **22**-824c; Sherman Purchase Act **22**-823b.
SILVER: *Properties:* **15**-324c; atomic number and weight **2**-650d; boiling and melting point **8**-348b; fusing point **11**-315c; native Pl. I. fig. 5 **15**-MINERALOGY; refractive index **14**-73d; resistivity **8**-228d.
—: **METALLURGY, MINING and Production** **20**-684a; alloys **20**-685a; Anaconda Copper Mining Co. **1**-859c; Ariz. **2**-362b; assaying **2**-555a; beating **10**-485a; Black Hills (U.S.) **3**-682d; Bolivia **18**-337a; bullion **4**-373d; Canada **4**-699c fol.; cerargyrite **5**-157b; Colo. **6**-44d; consumption, 1925-26 **20**-685d; cyanide process **6**-917a; Du.E.I. **7**-873b; Egy. **8**-54c; electro-plating **8**-340c; Eng. corn prices **6**-448b fol.; extraction **1**-724d; **15**-313b; Mex. amalgamation process **1**-725b; fig. 1 **1**-725; Montana **15**-748b; Ont. production **16**-796b; ore deposits **16**-875a; Potosi, S.Am. **21**-70a; solder **20**-939b; U.S. production (1861-73) **22**-817a; (1878-90) **22**-823b; world production **17**-873d; **20**-685b.
— Age (Rom.) **13**-751b.
— antimonide **2**-68a.
— arsenite **2**-436c.
— azide **20**-683c.
— Bay, N.Y. [**24**-103 G2].
Silverbell, Ariz. [**24**-149 D6].
SILVER-BERRY (shrub) **20**-686a.
— birch: *see* White birch.
— Bow, co., Mont. [**24**-144 B3]; **4**-468a.
— Bow, Mont. [**24**-144 B2].
— bromide (chem.) **20**-683a; adsorption **1**-184c; in phot. **17**-799b fol.; **17**-807c fol.
— chloride (chem.): *see* Cerargyrite.
— chub (fish) **5**-666c.
— City, Ga. [**24**-114 B2].
— City, Ia. [**24**-138 B3].
— City, Ida. [**24**-145 B7].
— City, Miss. [**24**-119 B2].
— City, Mont. [**24**-144 B2].
— **CITY**, N.Mex. [**24**-184 A6]; **20**-686a; Teachers' Coll. **16**-318d.
— City, S.Dak. [**24**-137 A2].
— City, Utah [**24**-152 B3].
— Cliff, Colo. [**24**-147 E3].
— Creek, Ill. [**24**-129 B4].
— Creek, Nev. [**24**-153 C3].
— Creek, N.Y. [**24**-102 A3].
— Creek, O. [**24**-124 B3].
— Creek, Tenn. [**24**-117 E2].
— Creek, Wis. [**24**-133 E6].
Silver cyanide (chem.) **20**-683c; formation **18**-659a; isomerism **12**-724a.
Silverdale, N.C. [**24**-112 H3].
—, Pa. [**24**-107 F3].
— colliery (Eng.) **5**-869c fol.
— fir (tree) **9**-260b; turpentine **22**-630b.
SILVERFISH (insect) **20**-686a.
Silver fluoride (chem.) **20**-683b.
— fox (animal) **9**-942a; Pl. II. fig. 2 **9**-FUR.
— fulminate (chem.) **20**-683c; **9**-913a; Brougnatelli **15**-272b.
— Hill, Mass. [**24**-99 C1].
— ink (writing fluid) **12**-362a.
— iodide (chem.) **20**-683a.
SILVERIUS (pope) **20**-686a.
Silver king (fish): *see* Tarpon.
— Lake, Calif. [**24**-155 E5].
— Lake, Ind. [**24**-126 C1].
— Lake, Mass. [**24**-99 C1].
— Lake, Minn. [**24**-135 D7].
— Lake, Oreg. [**24**-151 D4].
— Lake, Wash. [**24**-150 C4].
— Lane, Conn. [**24**-101 C1].
Silver-lead (min.) **2**-725a.
Silverleaf, N.Dak. [**24**-136 F3].
— leaf (fruit disease) **18**-84b; apple **2**-138d; plum **18**-35c.
— maple (tree): *see* White maple.
— mica (min.): *see* Phlogopite.
— Mills, Me. [**24**-96 C3].
Silvermine, mts., Ire. [**24**-21 C4].
Silvernails, N.Y. [**24**-103 G3].
Silver nitrate (chem.) **20**-683b; antidote **2**-62c; dissociation **20**-962c.
Silverpeak, Nev. [**24**-153 C5].
Silver Peak, Nev. [**24**-153 B5].
— Peak, mts., Nev. [**24**-153 C5].
— peroxide (chem.) **20**-682d.
— pheasant (bird) **17**-697a.
— phenyl (chem.) **16**-897c.
Silverplana, Switz. [**24**-31 H4].
SILVER-PLATED WARE: *see* Electro-Plate Manufactures.
— Point, Tenn. [**24**-117 F1].
— Republicans (U.S. pol.) **14**-590d.
— Run, Md. [**24**-108 B1].
— salmon (fish) **17**-960c.
— selenide (chem.) **20**-683b.
SILVERSMITHS' AND Goldsmiths' Work **20**-686b; Aegean tombs **1**-210a; Pl. II. fig. 10 **1**-AEGEAN CIVILIZATION; Pls. I., II. fig. 2 fol. **4**-BRITAIN; Pl. VI. fig. 6 **8**-EGYPT; processional cross Pl. II. fig. 4 **19**-ROMANESQUE ART; Pl. I. fig. 1 **22**-TIBETAN ART.
Silver Spoon, The (nov., Galsworthy) **9**-990c.
Silver Spring, R.I. [**24**-100 C2].
— Springs, Miss. [**24**-119 D1].
— Springs, N.Y. [**24**-102 B3].
— Star, Mont. [**24**-144 B3].
— Stick in Waiting (Brit. of.) **10**-498a.
Silverstreet, S.C. [**24**-113 C2].
Silver sulpharsenite (min.): *see* Proustile.
— sulphate (chem.) **20**-683b.
— sulphide (chem.) **8**-233a; **20**-683b.
— -thallium nitrate (chem.) **10**-94a.
Silverton, N.S.W., Austr. [**24**-170 E3]; mines **4**-229c.
—, Colo. [**24**-14c C4]; minerals **6**-44d; Pl. I. fig. 6 **6**-COLORADO.
—, Dev., Eng. [**24**-17 C4].
—, Ess., Eng. **8**-724c.
—, Ill. [**24**-129 D5].
—, Mo. [**24**-140 E5].
—, N.J. [**24**-105 B2].
—, Oreg. [**24**-151 C2].
—, Tex. [**24**-122 D2].
—, Wash. [**24**-150 D2].
SILVER-TREE **20**-693a; **1**-297c.
— Valley, Tex. [**24**-123 E2].
— -washed fritillary (insect) **11**-540a; Pl. I. fig. 6 **13**-LEPIDOPTERA; larva fig. 34 **13**-955.
Silverwood, Ind. [**24**-126 A3].
—, Mich. [**24**-131 H6].
Silvery gibbon (ape) Pl. II. fig. 8 **18**-PRIMATES; il. **10**-332.
— gull (sea-bird) **10**-983a.
Silver Zone, Nev. [**24**-153 F2].
Silves, riv., Port. **1**-603b.
SILVESTER I. (pope) **20**-693a; Constantine **7**-524b.
— II. (pope) **20**-693a; crusade **6**-773b; inv. clock **5**-835b; legends of **9**-121b; Otto III. **8**-406d; Stephen I. of Hung. **11**-904a.
SILVESTER III. (pope) **20**-694a; Benedict IX. **3**-396b.
— Gozzolini, St. **20**-694b.
Silvestre, Gregorio (Sp. au.) **21**-157a.
— **DE SACY, ANTOINE Isaac**, baron **20**-694a.
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— -nosed monkey (primate) 18-488d.
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SNUFF (tobacco) 20-857c; box fig. D 3-985.
Snutri: *see* Incense.
Snyder, C.B.J. 20-95c.
—, co., Pa. [24-107 D3].
—, Ark. [24-120 D4].
—, Neb. [24-139 H3].
—, N.Y. [24-103 D3].
—, Okla. [24-143 E4].
—, Tex. [24-122 D3].
— (blackberries) 9-885c.
— furnace (elec.) 8-334b.
SNYDERS, FRANS 20-857c; 21-409a.
Snydersville, Pa. [24-107 F3].
Snydertown, Pa. [24-107 E3].
Snyderville, Utah [24-152 C2].
So (Egy.) 13-47c.
Soai-rieng, Fr.I.C. [24-71 C3].
Soaking (steel) 12-663a.
— pit 15-319a; Pl. II fig. 6 12-IRON AND STEEL.
SOANE, SIR JOHN 20-857d.
— (museum, Lond.) 15-998d.
Soap, lake, Wash. 23-387c.
SOAP 20-857d; 6-486d; alkalis 1-638b; coco-nut oil 5-949d; glycerine 16-745c; manufacture 1-637a.
— -BARK (tree bark) 20-861b.
Soapberry (tree family) 1-483a; 10-932b; 23-27d.
— nut 16-646b.
SOAP PLANTS 20-861c.
— -root (bot.) described 20-861c.
Soapstone, Mass. [24-98 B1].
— (min.): *see* Steatite.
SOAPWORT (bot.) 20-861c; *see also* Bouncing Bet.

Soapy Sam (nick.): *see* Wilberforce, Samuel.
Soar, riv., Eng. [24-10 E5; 24-14 B3].
Soay Isl., Scot. [24-18 B4].
Soazza, Switz. [24-31 G4].
Soba, Af. 7-528c.
SOBAT riv., Af. [24-184 G5; 24-79 C6]; 20-861c.
Sobeiski, Wis. [24-133 E5].
Sobernheim, Ger. [24-38 C4].
Soběslav, Czech. [24-39 K4].
Sobhuza II. (of Swaz.) 21-634b.
Sobieski, Clementina: *see* Clementina Sobieski.
—, John: *see* John III. (of Poland).
Sobków, Pol. [24-40 E3].
Sobol, Okla. [24-143 H4].
Sobotka, Czech. [24-39 L3].
Sobral, Braz. [24-160 E3; 24-163 D3].
Sobralite (min.) 18-801a.
SOBRAON (battle, 1846) 20-862a.
Sobrom, Arab. [24-62 C3].
Sobymossi, Esther 2-76c.
SOCAGE 20-862a.
Soccasunna, N.J. [24-105 B2].
SOCCER: *see* Football, Association.
Soccini (It. name): *see* Socinus.
Sochaczew, Pol. [24-40 E2].
Socharis (Egy. god): *see* Sokri.
Soche Fu, China: *see* Yarkand.
Sochi, Transcaucasia [24-59 H1].
Sociable grosbeak (bird) 23-455c.
Social address, forms of 9-516b.
— animals 7-919d.
— ANTHROPOLOGY 20-862b; 9-446d.
— ARCHITECTURE 20-870d; 2-277b; Pl. V. 2-ARCHITECTURE; Pl. II. figs. 1-8 11-HOUSING.
— CONTRACT (pol. philos.) 20-881d.
— culture 19-110d.
— Democratic Federation (Eng.) 13-554b.
— Democratic Party (Ger.) 10-294b; 4-46d.
— Democratic Party (Russ.) 3-824a.
— Democratic Labour Party (Swed.) 4-38c; 21-652b.
— Democratic Workers' Party 22-489b.
— Democrats (Aus.) 2-772a.
— Democrats (Ger.) 14-998d.
— economy (science): *see* Sociology.
— ethics 6-158a.
— evolution (philos.) 8-776d.
— geography: *see* Environment, geographic; *see also* Rural survey.
— health (ethics) 8-776d.
— Hill, Ark. [24-170 C3].
— HYGIENE 20-882a; 23-580d.
—, INSECTS (zool.) 20-882b.
— INSURANCE: *see* National Insurance.
— Insurance Fund (It.) 12-782b.
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—, guild; *see* Guild socialism.
—: PRINCIPLES AND OUTLOOK 20-895c.
Socialist Act, (1878) (Ger.) 3-667c.
— capitalism (U.S.S.R.) 19-739c.
— League (Brit.) 3-236c.
— -Radicals 20-890a.
— Soviet Republics, Union of: *see* Russia, country, Eur.
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— PSYCHOLOGY: *see* Psychology, Social.
— -Revolutionaries (Russ.) 17-426a; 19-735c.
— sanction (ethics) 8-760d.
— science: *see* Sociology.
— SERVICE 20-901c.
— SETTLEMENTS 20-903a.
— surveys 20-914b.
— War (90-89 B.C.) 6-646a; 13-748c.
— wasp (insect) 3-605d; 12-12b; 20-882d.
— welfare 5-248a; 21-500a: *see also* Philanthropy; Welfare work.
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— Dantesca Italiana 1-84c; 9-389a.
— Idroelettrica Piemonte 8-146d.
— Nazionale (It.) 12-804b.
Societas (Rom. law) 19-453b.
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— à responsabilité limitée 6-151b.
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— Botanique de France 4-237b.
— d'Assistance aux Aveugles reconnue d'utilité 3-728c.
— d'Electricité 8-146b.
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— de l'Histoire de France 10-979a.
— des amis de la Constitution: *see* Feuillants, Club of the.
— des Antiquaires de Picardie 1-811a.
— des Artistes Décorateurs 15-641a.
— des Chrysanthémistes 6-55c.
— des Droits de l'Homme 19-49a.
— des Egaux 2-838b.
— des Forces Motrices du Haut Rhin 8-146c.
— en commandite 6-151a.
— Entomologique de France 8-621d.
— Générale (Fr. bank) 3-72c.
— Générale de Crédit-Mobilier 6-654c.
— Générale de Transport Aérien 2-805c.
— Genevoise d'Utilité Publique 19-17a.
— INTERNATIONALE D'ENergie Hydro Electrique (Belg.) 20-904d.
— internationale des études pratiques d'Economie sociale 13-957a.
— Liégeoise de Littérature Wallonne 23-309a.
— Nationale des Antiquaires de France, La 2-74b.
— Nationale des Beaux Arts: *see* Beaux Arts, Société Nationale des.
— Philomathique de Paris 15-76b.
— Polymathique du Morbihan 4-889b.
— Royale des Antiquaires du Nord, La 2-74b.
— Scientifique de Bruxelles 15-75d.
— suisse de surveillance économique 21-690c; 18-995d.
SOCIETIES, LEARNED 20-905a; lit., hist., and archae. 14-205a; meteorol. 15-856d; zool. 23-973d; *see also* Academies; Sociological societies, etc; *and under* specific names.
—, Secret: *see* Secret societies.
— OF ART 20-905a.
— of good fellowship: *see* Friendly societies.
Society (econ.) 20-898a; animals 1-971a; family unit 9-59c fol.; kinship 13-404b; mass production 15-41a; Middle Ages 15-449d; physiocrates 17-885c; Stoic theory 21-430c; Teutonic 21-987a fol.
Society, The (Eng. club) 5-858d.
Society and Solitude (Emerson) 8-393b.
— Bay, Asia [24-70 D2].
Society, in names of societies: *see under* principal word *except as below.*
— for Establishing Useful Manufactures 17-376a.
— for Promoting Christian Knowledge 3-470c.
— for Promoting the Diffusion of Useful Knowledge 19-680a.
— for Psychical Research (Eng.) 2-246d fol.
— for the Prevention of Cruelty to Children (Eng.) 5-253c.
— for the Propagation of the Gospel (Eng.) 8-470c.
— Hill, S.C. [24-113 E2].
— ISLANDS: *see* Pacific Islands; *see also* [24-2 D5; 24-175 D4]; ethnology 18-189a.
— library (N.Y.C.) 16-385d.
— of Arts, Lond. 14-358a.
— of Arts and Crafts of Boston 20-907b.
— of Beneficence (Holland) 9-80c.
— of Friends of Learning (Pol.) 18-164a.
— of Incorporated Accountants and Auditors 1-104b.
— of Jesus: *see* Jesuits.
— of London Scholars (Eng. bell-ringers): *see* Cumberland Youths.
— OF THE CINCINNATI (U.S.) 20-909a.
— of the Eastern Marches (pol.) 18-397a.
— of the Gaels (Ir. pol.): *see* Sinn Fein.
— of the Public Teachers of Law 13-874a.
— of Thinkers, The (Eng.): *see* Cogers' Hall.
— of United Irishmen 12-610d.
Socinians (sect) 2-652c; Baptists 3-89c; eschatology 8-704a; eucharist 8-798d; Mennonites 15-250c; *see also* Unitarians.
Socinius I. (of Aby.) 1-74c.
SOCINUS (It. name) 20-909c.
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Sociology, Principles of (Spencer) 21-208c.
Sociosphere (sci. classification) 3-602b.
Socius (Jesuit) 13-10d.
Socket (golf) 10-504d.
— (mech.): *see* Lug.
— bayonet 21-745c.
Socketed axe-head 2-249a.
Sockeye, Wash. [24-150 C2].
— (zool.) 1-937d.
Socmen (feudalism) 23-160d.
Soconusco, V. de, Chiapas, Mex. [24-159 F4].
Socorro, Colom. [24-160 B2; 24-162 C2; 24-148 C4]; 16-318c.
—, isl., Mex. 19-240d.
Socotora, isl., Ind.O.: *see* Sokotra.
Socotra, dist., Af. 1-293d.
Socotra, isl., Ind.O.: *see* Sokotra.
Socrate chrétien, Le (Balzac) 9-788d.
SOCRATES (historian) 20-920c.
SOCRATES (philos.) 20-915c; 17-745c fol.; 14-317a; Alcibiades 1-537a; asceticism 2-499d; cardinal virtues 4-856a; Socratic dialectic 7-314c; 12-683d; education 20-98c; epistemology 13-449d fol.; ethics 8-761c; idealism 12-66a; immortality 12-111d; Plato 8-762c fol.; 18-50c; pleasure 11-377d; sophists 20-1000a.
Soc trang, Fr. I.C. [24-71 C4]; 5-939d.
Sŏda, A.E.Sud. [24-79 C5].
Soda, Calif. [24-155 E5].
—, cr., B.C., Can. [24-92 E4].
SODA (chem.) 20-921a; Magadi, lake Pl. VIII. fig. 2 1-AFRICA.
—, caustic 1-125d.
—, nitrate (chem.) 4-590d.
Soda-acid fire engine 9-269a.
— ash (chem.) 1-640d; 3-954a; 3-894b; 19-808d.
— biscuit 3-655d.
Soda-bleach (chem.) 20-923b.
Soda-chabazite (min.): *see* Gmelinite.
Soda crystals (chem) 1-638d; 20-921a; *see also* Washing soda.
Soda-felsite (igneous rock) 21-216d.
SODA FOUNTAIN 20-921a.
— glass (chem.) 20-923d
— granites (geol.) 10-637b; 21-216d.
Sodah, isl., Arab. [24-62 F4].
Soda iron pyroxene (petrol.) 17-777c.
Sodaizing (indus.): *see* Mercerizing.
Soda-lime felspar (min.) 17-991a.
SODALITE (min.) 20-921c.
Sodalite-syenite (min.) 16-225c.
Soda lye (chem.): *see* Caustic soda.
Sodamide (chem.) 20-923a.
So-dan, isl., Kor. 13-485d.
Sodankyla, Fin. [24-48 C1]; 2-298c.
Soda process (paper mfr.) 17-237c.
— salt (soap) 20-858b.
— Springs, Ida. [24-145 G7].
— tartarata (drug): *see* Rochelle salt.
Sodaville, Nev. [24-153 B4].
SODA WATER: *see* Aerated Waters.
SODDY, FREDERICK 20-921d.
—, Tenn. [24-117 F2].
Sodeau apparatus (chem.) 5-409a.
Sode-gaki (Japanese arch.) 12-956d.
Soden, Hermann von 3-515b; 3-519a; 6-52b.
—, Ger. [24-38 E2].
—, Hesse-Nassau, Ger. [24-38 D3]; 15-531a.
SODERBLOM, NATHAN 20-922a.
Söderfors, Swed. [24-45 G1].
SODERHAMN, Swed. [24-45 G1]; 20-922a.
Soderini, Piero (It. official) 9-392d.
Soderköping, Swed. [24-45 G2].
Södermalm, Swed. 21-423d.
Södermanland, dist., Swed. [24-45 G2]; 21-638c.
Söderström, Channel, Swed. 21-423d.
SODERTALJE, Swed. [24-45 G2]; 20-922a.
—, canal, Swed. 4-727b.
Sodii bicarbonas (drug): *see* Bicarbonate of soda.
— carbonis (chem.): *see* Washing soda.
— carbonis exsiccatus (drug) 20-924a.
— citro-tartras effervescens (drug) 20-924a.
— phosphas (drug): *see* Sodium phosphate.
— santoninas (drug) 19-981c.
— sulphas (drug): *see* Glauber's salt.
— sulphas effervescens (drug) 20-924a.
— sulphis (drug) 20-924a.
Sodio-gold chloride (chem.) 10-481c.
Sodiomalonic ester (chem.) 5-375b.
Sŏdiri, A.E.Sud. [24-79 B5].
Sodiro (Jesuit bot.) 7-944b.
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— acid sulphate 20-923c.
— alkyls 16-897b.
— amalgam 16-897d.
— ammonium racemate 21-388d.
— arsenate 2-436c.
— arsenite 2-436c.
— azide 2-829b.
— barbitone 3-100c.
— benzenesulphonate 4-836c.
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— cacodylate (chem.) 2-437b.
— carbonate (chem.) 4-836b; glass mfg. 10-414d; Leblanc's process 13-855a; mfr. 1-637b fol.; nitre 16-466b; photography 17-808d; salt mfr. 19-899b; thermochem. (table) 22-86a; *see also* Soda; Soda ash; Washing Soda.
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— chlorate (chem.) 5-604d; weeds 23-475d.
— chloride (salt) blood 3-740c; corrosion 6-470b; crystals fig. 13 23-856; electrolysis 8-316c; explosives 8-988a; ions 8-235c; thermochem. 20-962a; *see also* Salt.
— citrate (chem.) 3-747d.
— -clay 5-869c.
— cobaltinitrite (chem.) 5-930c.
— cyanamide (chem.) 6-914c.
— cyanide (chem.) 6-914a.
— decahydrate (chem.): *see* Washing soda.
— diuranate (chem.) 22-889d.
— ethyl (chem.) 16-897c.
— ethyl carbonate (chem.) 4-839a.
— fluoride (chem.) 1-189d.
— formate 9-513d.
— glass 10-398d.
— glycocholate (physiol.) 7-380c.
— hydrate (chem.): *see* Caustic soda.
— hydrosulphite (dye) 7-780c.
— hydrosulphite vat 7-791c.
— hydroxide (chem.) 20-962c; *see also* Caustic soda.
— hypochlorite (chem.) antiseptic 2-79c; purification 23-426b.
— hyposulphite (chem.): *see* Hydrosulphite of soda.
— luminal (drug) 3-100c.
— metachloro-para-acetylaminophenyl-stibinate (chem.) formula 2-69b.
— methyl (chem.) 16-897c.
Sodium methyl arsinate (chem.) 2-437b.
— nitrate (chem.) 9-191b; *see also* Chile saltpetre.
— nitrite (chem.) 16-469d.
— nitroprusside (chem.) 18-650b.
— N-phenylglycinamide-p-arsinate (chem.): *see* Tryparsamide.
— n-propyl (chem.) 16-897c.
— oxalate 1-125a; 4-840b.
— -parsanilate (chem.) 2-437b.
— periodate (min.) 6-820b.
— permanganate (chem.) 14-798d.
— phenate (chem.) 4-836c.
— phenoxide 19-880c.
— phenyl (chem.) 16-897c.
— phenylcarbonate 19-880c.
— phosphate (drug) 20-924a.
— process (chem. indus.) 6-914c.
— pyroborate (chem.): *see* Borax.
— pyrrole (chem.) 18-802b.
— saccharide (chem.) 19-793a.
— salicylate (chem.) 19-249a.
— salts (chem.) 1-640c.
— sesquicarbonate (chem.) 1-638d; 4-838d.
— silicate (chem.) 1-639a; colloids 6-22b; *see also* Waterglass.
— sulphate (chem. indus.) 1-639d; 1-640d; 3-951a; 19-808d; 22-86a.
— sulphide (chem.) 7-780c.
— sulphite (chem.) 4-836c; 17-808d.
— taurocholate (physiol.) 7-380c.
— tetraborate (chem.) 3-894c.
— thiosulphate (chem.) 17-810a.
— triphenylmethyl (chem.) 16-897b.
— tungstate (chem.) 22-548b.
— vapour (phys.) 9-424a; Pl. figs. 8, 9 14-LIGHT.
— xanthogenite (chem.): *see* Viscose.
Sodo (Jap. sect) 12-928a.
SODOMA, IL 20-924b.

SODOM AND GOMORRAH (bibl. cities) **20**-924d.
— apple (bot.): *see* Madar.
Sodomitish Sea, lake, Pal.: *see* Dead Sea.
SODOR AND MAN (bishopric, Eng.) **20**-924d.
Sodus, N.Y. [**24**-102 C2].
—, bay, N.Y. **16**-274d.
—, pt., N.Y. [**24**-102 C2].
— Center, N.Y. [**24**-102 C2].
Sodyl hydroxide (chem.) **20**-923b.
Soela, isls., Du.E.I.: *see* Sula
—, sd., Est. [**24**-47 B1].
Soemba, isl., Du.E.I.: *see* Sumba.
Soembawa, isl., Du.E.I.: *see* Sumbawa.
Soemmering (phys.) **21**-881b.
Soemmerring's gazelle (zool.) **2**-22d.
Soerabaja, Jav.: *see* Surabaya.
Soercheli (Ir. hist.) **12**-598d.
Soergel, W. **5**-825c.
Soersditch, Lond., Eng.: *see* Shoreditch.
SOEST, Ger. [**24**-38 D2]; **20**-925a.
Soesterberg, Holl. **11**-657b.
Soestermee, Holl. [**24**-28 C2].
Soest portrait (of Shakespeare) **20**-451a.
Soeurs Aveugles de St. Paul, Les: *see* Blind Sisters of St. Paul.
Sof (pol. group) **1**-304d.
Sofa (furn.) Pl. I. fig. 3 **15**-MODERN TENDENCIES IN APPLIED ART.
Sofala, N.S.W., Austr. [**24**-171 J4].
SOFALA, Port. E.Af. [**24**-81 E2]; **20**-925a.
—, isl., Af.: *see* Madagascar.
—, riv., Port. E.Af. **20**-925a.
Sofejin, riv., N.Af. **22**-483b.
Sofetim: *see* Suffete.
Soffici, Ardengo **12**-748c.
Soffioni (chem.) **3**-901d.
SOFFIONI (SUFFIONI) (volcanic vents) **20**-925b.
Sofia (w., Ivan III.) **19**-714d.
Sofia, dist., Bulg. [**24**-53 B4]; **22**-159b.
SOFIA, Bulg. [**24**-53 B4]; **20**-925b; air lines map **1**-463; Balkan war **2**-991c; museum **15**-1003d; university **22**-872c; views Pl. I. figs. 1, 2 **4**-BULGARIA; *see also* Petchenegs.
—, riv., Mad. **14**-601a.
"Sofia" (ship) **21**-251a.
— Magdalena, Princess **21**-648a.
Sofiisk, (Sib.) U.S.S.R. [**24**-57 N3].
Sofnol (product) **23**-406d.
Sofonisba (Trissino) **7**-591a.
Sofronii (bp., Vratsa) **4**-363c.
Soft chancre (sore): *see* chancroid.
— cheese **5**-333c.
— Chün ware (pottery) **18**-365a.
— coal: *see* Bituminous coal.
— corn (bot.) **14**-696d.
SOFT DRINKS (beverages) **20**-925d; industry **1**-224b.
Softening (jute) **13**-216b.
Soft grass (bot.): *see* Yorkshire fog.
— -ground (etching) **8**-750b.
— -hail (meteorol.) **11**-77a.
— -iron instrument (elec.) **12**-439a.
— mud moulder (mach.) **4**-113d.
— palate (anat.) **17**-695d fol.
— paste (porcelain) **18**-351b.
— pine **17**-938d fol.
— red ore (min.) **11**-68b.
— roe (fish testis) **19**-179c.
— rot (bot. dis.) **18**-38a.
— soap (indus.) mfr. process **20**-859c.
— sore: *see* chancroid.
— -spot (mil. tactics) **12**-335b.
— stop (piano device) **17**-900c.
— valve (elec.) **22**-82d.
Softwater (chem.) **23**-406d.
Softwood (wood) **22**-217a fol.; supply **9**-504c.
— forests **17**-803a.
Soga (Jap. fam.) **12**-930d fol.
— Jasoku **12**-963d.
Sogamoso, Colom. [**24**-162 C2]; pop. **3**-992a.
Soga no Iruka **12**-930d fol.
— Shohaku **12**-964d.
— Shubun **12**-963d.
Sogdian (lang., Pers.) **12**-587a.
SOGDIANA, anc. prov., Asia **20**-925d; map **17**-548 (E2); Hellenism **11**-406a.
Sogdians (tribe) **17**-566c.
Sogdianus (Pers. k.): *see* Secydianus.
Soggendal, Nor. **5**-297c.
Soggetto (mus.) **1**-897c.
Soghanli Dagh, mts., Turk. [**24**-59 J2].
Soghawa, A.E.Sud. [**24**-79 A4].
Soghla Geul, lake, Turk. [**24**-58 D4]; **2**-536a.
Soglio, Switz. [**24**-31 H4].
Sogn, dist., Nor. **16**-550d.
Sogndal, Nor. [**24**-43 C7]; **20**-926a.
Sognefest, Nor., geog. data **20**-926a.
SOGNE FJORD, Nor. [**24**-44 A1]; **20**-926a.
Sogno di Scipione, Il (Mozart) **15**-942a.
Sogn og Fjordane, co., Nor. **16**-547c.
Sögubók (sagas) **19**-812c.
Sögumaðr (sagaman) **19**-812c.
Sögu-öld (epoch) **19**-812d.
Sohag, Egy. [**24**-79 C2].
Sohagpur, India [**24**-67 D2].
Soham, Cambs., Eng. [**24**-14 D3].
Sohan, riv., India [**24**-65 C2].
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Soheb, Arab. [**24**-62 D5].
Sohlberg, Harold **17**-64C c.
Sohm, Rudolph **5**-670d.
Soho, dist., Staffs., Eng. **20**-823d.
—, Staffs., Eng. **3**-642d.
"Soho" (camera) **17**-822a.
Soho works (mfr.) **4**-471a.
Sohrab and Rustum (Arnold) **2**-424c.
Sohukusanto, isl., Kor. [**24**-74 D6].
Soi (feast) **16**-299d.
Soiana, riv., U.S.S.R. [**24**-48 F1].
Søiberg, Harry **7**-35b.
SOIGNIES, Belg. [**24**-29 C4]; **20**-926a; **9**-871c.
—, forest, Belg. **20**-926a.
SOIL (earth) **20**-926b; **2**-233c; **17**-857c fol.; acidity **20**-928a; adobe **1**-175c; algae **1**-602b; animal distribution **7**-440c; bacteria **20**-930c fol.; Pl. II. figs. 4, 5, 6 **2**-BACTERIOLOGY; disease **20**-934c; erosion **9**-463a; **9**-500d; fertilizers **9**-190b; fruits **9**-886a; fungi **20**-933b; heat diffusivity **11**-328d fol.; irrigation **12**-685c; lime **14**-133a; preparation figs. 1, 2 **1**-AGRICULTURAL MACHINERY AND IMPLEMENTS; properties **20**-928d; study of **8**-833a; water in **18**-21a.
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Soimonov (Russ. gen.) **12**-362c.
Soirées Canadiennes (organization) **10**-208a.
SOISSONS, Fr. [**24**-25 J2]; **20**-934d; **2**-266b; battle, 486 **9**-611c; battle, 719 **16**-704c.
— -**REIMS, BATTLE OF, May-June 1918**: *see* Chemin-des-Dames.
Soja bean: *see* Soya.
— hispida (plant): *see* Soya bean.
Sök (As. tribe): *see* Saka.
—, riv., U.S.S.R. [**24**-49 H4].
Sokal, Pol. [**24**-41 G3].
Sok-Chu, riv., Chwanben [**24**-68 F5].
Soke, area, Lincs., Eng. [**24**-14 C3].
SOKE (law) **20**-935c.
Sokele, Bel. Cong. [**24**-82 D4].
Sokhansky, Mme. **19**-754d.
Sokho, Nor., lake, Mong. [**24**-68 G3].
Sokhondo, mt., (Sib.) U.S.S.R. **23**-863a.
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Sokia, Turk. [**24**-58 B4].
Sokman (Ortokid atabeg) **6**-778c.
Sokna, Sah. **9**-211c.
SOKOL-DOBROPOLJE, BATTLE OF, 1918 **20**-935c.
Sokółka, Pol. [**24**-41 F2].
Sokoli, Mohammed (Bosn. grand vizier) **3**-927c; **20**-307a; **20**-601c.
SOKOLNIKOV, GREGORY Y. **20**-935c.
Sokolnitz, Aus. **2**-699d.
Sokolo, Fr. Sud. [**24**-80 C3].
Sokolov, N. D. **19**-730d.
Sokolović, Mohammed (Bosn. grand vizier): *see* Sokoli.
Sokolow, Nahum **11**-363a.
Sokołow, Pol. [**24**-40 F2].
SOKOTO, prov., Nig. [**24**-80 E-F3]; **20**-935d.
—, riv., Sud. [**24**-184 D4]; **16**-438d.
SOKOTRA, isl., Arabian Sea [**24**-3 O4; **24**-180 D7; **24**-184 J4], **20**-936c.
— (lang.) **20**-936d.
— (people) **20**-936d.
Sokri (myth.) **8**-58d.
Sok Tchu, riv., Tib. [**24**-68 E5].
Sol, isl., Bol. **3**-814a.
— (chem.) **6**-22c.
SOL (money) **20**-937c.
Sola, U.S.S.R. [**24**-48 F1].
— dance (custom) **7**-22b.
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Solanki (dynasty) **12**-223b; *see also* Chalukya.
Solano, co., Calif. [**24**-154 C3].
—, N. Mex. [**24**-148 E3].
— (wind): *see* Levanter.
SOLANUM (bot.) **20**-938d; *see also* Nightshade.
— carolinense: *see* Horsenettle.
— Dulcamara: *see* Bittersweet.
— Lycopersicum: *see* Tomato.
— Melongena (bot.): *see* Aubergine; Egg-plant.
— nigrum **20**-938a; *see also* Black nightshade.
— rostratum: *see* Buffalo-bur.
— sodomeum: *see* Apples of Sodom.
— tuberosum: *see* Potato.
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— constant (meteorol.) **5**-815b; **15**-355c; **21**-563a.
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— eclipse (astron.) **22**-13c.
— energy (phys.) **17**-787d.
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SOLARIO, ANDREA DE **20**-938d.
— (horse) **11**-765c.
Solar motion (astron.) **21**-324d.
— noon **7**-312b.
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—, mt., It. **4**-819c.
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Soldier (mil.) **2**-414a; **6**-283a; **23**-822a; origin of name **8**-850b; war pension **23**-362c; *see also* Army.
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— field (stadium, Chicago) **5**-450d.
Soldiers (entom.) **20**-886d.
—, female **6**-979b.
Soldier's-cap (plant): *see* Dutchman's Breeches.
Soldiers' club (mil.): *see* Regimental institute.
Soldier Settlement board (Can.) **4**-699c.
—, Ia. [**24**-138 B3].
—, Kan. [**24**-142 G2].
—, Ky. [**24**-116 G2].
— Pond, Me. [**24**-96 D1].
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Soldiers' Graves, National Committee for the Care of **23**-345d.
— Grove, Wis. [**24**-133 C6].
— Home, park, Washington, D.C. **24**-108.
Soldiers' Pocket Book for Field Service (Wolseley) **23**-699d.
Soldier Summit, Utah [**24**-152 C3].
Soldiers' wills (testaments): *see* Will: U.S., Fr., etc.
Soldin, Ger. [**24**-40 B2].
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SOLE (fish) **20**-939c; classification **18**-75b; eggs **8**-27d.
— (curling) **6**-876d.
— (golf) **10**-504d.
— (shoe) **3**-886d.
Solea (fishes) **20**-939c.
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—, Boca, Mex. [**24**-158 B2].
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Solenodon (zool.) **12**-404c.
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SOLENT, THE, str., Eng. channel **20**-939d.
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—, Switz.: *see* Solothurn.
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SOLF, WILHELM **20**-939d.
Sol-fa system (mus.) **6**-899c; **16**-19c; *see also* Tonic sol-fa.
SOLFATARA (geog.) **20**-940a.
Solfataric (gas activity) **18**-99c.
Solferino, It. [**24**-34 C2].
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Somnoform 8-781c.
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Somosierra, Sp. [24-32 F2].
Somo Somo, passage, Fiji Is. [24-176 E2].
Somoto, Nic. [24-159 G5].
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Sompolno, Pol. [24-40 D2].
Sompuis, Fr. [24-25 K3].
Somra, dist., Bur. 4-426c.
Somrai (Af. tribe) 2-925d.
Som Sjo, lake, Swed. [24-45 F2].
Somvix, Switz. [24-31 F3].
—, val., Switz. [24-31 F3].
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—, Nor. [24-43 E7].
—, canal, India 17-381c.
—, riv., Fr. [24-26 D2].
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Son (law) 12-232c fol.
Sonai, riv., India 4-508d.
Sŏ-nam Gya-tso 22-182d.
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Sonaoya, Fr. Guin. [24-80 B4].
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SONATA FORMS (mus.) 20-977b; 16-11c fol.; 22-990b; 21-304a.
"Sonaten für Kenner und Liebhaber" (K. P.E. Bach) 2-875a.
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Sonchus oleraceus: *see* Sow-thistle.
Sönderna, riv., Den. [24-46 A4].
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Sonderbund (soc.) 17-64B b.
Sonderbund War 14-508b; 21-689b.
Sönderho, Den. [24-46 A3].
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SONDERSHAUSEN, Ger. [24-39 F2]; 20-985d.
Sondervig, Den. [24-46 A2].
Sondes, Louis Duras, viscount: *see* Feversham.
Sondin, Kor. [24-74 F3].
Sondmore dialect 1-5a.
Sondra, Ark. [24-120 A1].
Sondrio, dept., It. 12-761a.
SONDRIO, It. [24-34 B1]; 20-985d.
Soné, T. 14-649a.
SONE (Son), riv., India [24-67 D1]; 20-985d; map 3-326; 10-80d.
Soneryl 3-100c.
Sonestown, Pa. [24-107 E2].
SONG (mus.) 20-986a; aria 2-340c; hist. 16-7b; 20-987b; Indian dances 7-19c; Japdances 7-18d; rhythm 19-275d; Romantic period 16-12c.
— (poetry) 8-573a; 12-289d.
Songars: *see* Dsongars.
Song-ba, riv., Fr. I.C. [24-71 C3].
SONG BIRDS 20-996a.
Song-bo (Black), riv., Fr. I.C. [24-71 B1].

Song-Cau, riv., Fr. I.C. **22**-279c.
Song Chai, riv., Fr. I.C. [**24**-71 B1].
Song-chu, riv., Fr. I.C. [**24**-72 C2].
Song-cycle **6**-918b.
Songea, Tanganyika Terr. [**24**-83 G5].
Songeons, Fr. [**24**-24 G2].
Songhai: *see* Sonrhaï.
Songhay: *see* Songhoi.
Songish (tribe) **19**-888b.
Song-jin, Kor. [**24**-69 M3].
Song-kau, Fr. I.C. [**24**-71 C3].
SONGKLA: *see* Singora.
Song-koi, riv., Fr. I.C. [**24**-71 B1; **24**-183 L4]; **22**-279b fol.; **23**-926b.
Song-ma, riv., Fr. I.C. [**24**-71 C1].
SONG OF BIRDS 20-996d; **16**-927d.
Song of Blood, A (Slavelkov) **4**-369b.
Song of David, A (Smart) **20**-818b.
Song of Dermot and the Earl, The: see *Conquest of Ireland.*
Song of Malcolm Sinclair (Ode) **21**-656d.
Song of Solomon: *see* Canticles.
"Song of Solomon" (Palestrina) **17**-144a.
Song of Songs: *see* Canticles.
Song of the Nightingale, The (Stravinsky) **21**-464d.
Song of the Plow (Hewlett) **3**-600b.
Song of the Three Children, The (bibl.) **7**-30b.
Song of the Wheels, A (Chesterton) **5**-440b.
Songs, Arabian **1**-67c.
Songs and other Poems (Brome) **4**-233c.
Songs before Sunrise (Swinburne) **21**-669a.
Song-sewers (reciters) **10**-833c.
Songs of a Savoyard (Gilbert) **10**-345a.
Songs of Experience (Blake) **3**-695a fol.; **8**-592b.
Songs of Four Nations (folk) **20**-994b.
Songs of Innocence (Blake) **3**-695a fol.; **8**-592b.
Songs of Mourning (Campion) **4**-686a.
Songs of the Great Dominion (Lighthall, ed.) **4**-716b.
Songs of the Sierras (Miller) **15**-497b.
Song sparrow **21**-170b; **20**-996c.
Song thrush **22**-163d; **16**-934b; **20**-996b; Pl. I. fig. 5 **3**-BIRDS.
Song-tsen Gam-po (k. of Tib.) **22**-182a fol.
Songwe, riv., Brit. E.Af. **19**-631b.
Sonhat, India [**24**-67 D2]; **13**-485c.
Soniou Breiz-Izel (Luzel) **4**-97c.
Sonki, A.-E. Sud. [**24**-79 C3].
Sonklar, C. von **14**-835d.
Son-Kul, lake, Kirghiz rep. **13**-411d.
—, mt., Turkist. **22**-205c.
Sonmiani, Bal. [**24**-65 B3].
Sonnac, William de **21**-922a.
SONNEBERG, Ger. [**24**-39 G3]; **20**-997d.
Sonnenberg L. von **2**-75b.
Sonnefeld, Ger. [**24**-39 G3].
—, mt., Ger. **2**-90c.
Sonnenburg, Ger. [**24**-39 K1].
Sonnenfels, Joseph von **2**-775c.
Sonnenstein, ft., Sax. **17**-953c.
Sonnenwalde, Ger. [**24**-39 J2].
"Sönner av Norge" (Bjerregaard) **16**-560a.
SONNET 20-997d; **8**-578b; Petrarch **19**-806c; Pontus de Tyard **18**-211d; quatorzain **21**-835d; Santillana **21**-155d; Sestett **20**-377d; Wyat **23**-820b; *see also under* names of poets.
Sonnets (Shakespeare) **8**-582a fol.; **20**-443d; **8**-578c.
Sonnets and Miscellaneous Poems (Russell) **19**-680d.
Sonnets from the Portuguese (E. B. Browning) **4**-274d; **8**-595c.
Sonning, Eng. [**24**-15 C4].
SONNINO, SIDNEY, Baron **20**-998c; **12**-809c; **1**-181d; **17**-299c; anti-slav **20**-351b; fin. reforms **12**-813a.
Sonny, Oreg. [**24**-151 D2].
Son of God **13**-23b; *see also* Angel; Jesus Christ.
— Heaven **5**-514b.
— Man **13**-22d fol.
Son of the Middle Border (Garland) **10**-27a.
Son of the Sun **8**-70c.
Sonoita, Ariz. [**24**-149 E7].
Son-o jo-i **12**-945a.
Sonoma, co., Calif. [**24**-154 B3]; **19**-976d.
—, mts., Nev. [**24**-153 C2].
Sonometer: *see* Monochord.
SONORA, state, Mex. [**24**-158 B2]; **20**-998d; **4**-598b; **15**-381c.
—, Ariz. [**24**-149 D5].
—, Calif. [**24**-154 C4].
—, Ill. [**24**-128 A3].
—, Ky. [**24**-116 E3].
—, N.Dak. [**24**-136 H3].
—, O. [**24**-125 D4].
—, Tex. [**24**-122 D4].
—, mt., Calif. [**24**-154 D3].
—, riv., Mex. [**24**-158 B2].
Sonoran (lang.) **5**-139a; **16**-60a.
— (tribe): *see* Piman.
— racer Pl. II. fig. 2 **7**-DISTRIBUTION OF ANIMALS.
—, Upper **16**-317c.
Sonoyta, Mex. [**24**-158 B1].
—, mt., Mex. [**24**-158 B1].
Sonpur, India [**24**-67 D2].
Son Pyunghi **22**-279b.
Sonrhaï (tribe) **9**-831c; **22**-222d.
Sonsan, Kor. [**24**-74 F5].
Sons and Daughters of the Resurrection **2**-500a.
Sons and Lovers (Lawrence) **13**-796b.
Sonsbeck, Ger. [**24**-38 B2].
Sonship (Jesus) **13**-23b.
— (law) **12**-235a.
— (theol.) **3**-176c.
Sons of Han **5**-533c.
"Sons of Israel": *see* Bene-Israel.
Sons of Jacob, The (Pliekšans) **18**-76d.
SONS OF LIBERTY 20-999a; **22**-781b; early history **16**-389a fol.; Tammany Hall **21**-775c; Wilkes **23**-603b; *see* Knights of the Golden Circle.
— **OF RECHAB:** *see* Rechabites.
— of the Bear: *see* Orsini.
— of the Covenant: *see* B'nai B'rith, Independent order of.
— of the Thames **5**-859a.
Sonsomate, Salv. [**24**-159 G5]; **19**-905a.
Sontag, Miss. [**24**-119 B4].
Sontal, Fr.I.C. [**24**-71 C1].
Sontra, Ger. [**24**-38 E2].
Sontyon, Heian, Kor. [**24**-74 D4].
—, S. Kokai, Kor. [**24**-74 E4].
Sonvilier, Switz. [**24**-30 B2].
Sonyea, N.Y. [**24**-102 C3].
Soo, canal, Mich. **20**-12a; *see* Sault Ste. Marie.
SOO CHOW, China [**24**-70 D3]; **20**-999a; Pl. III. fig. 1 **5**-CHINA.
— Creek, Shanghai **20**-456a.
— Junction, Mich. [**24**-130 F3].
Sooner State: *see* Okla.
Soong, Mayling **5**-446b.
—, T. V. **5**-545d.
Soon Wald, forest, Ger. [**24**-38 C4].
Soop **6**-876d.
Soor (battle, 1745) **5**-286d; **2**-779c; (battle, 1866) **20**-386c.
Soot **20**-840a; **14**-288a; Pl. figs. 1-6 **20**-SMOKE AND SMOKE PREVENTION.
— (tribe): *see* Sotik.
Soothsayer **18**-480d.
Sooty mould **16**-837d; **9**-932c.
— tern **16**-921a; *see* Wide-awake.
Sop, isl., Nfd. [**24**-93 B2].
— Arm, inlet, Nfd. [**24**-93 B2].
Sopater (au.) **7**-196c.
Sopchoppy, Fla. [**24**-115 D1].
Sopdu (myth.) **20**-704b.
Sopekusan, mt., Jap. [**24**-74 E3].
Soper, Okla. [**24**-143 H4].
Soperton, Ga. [**24**-114 D4].
—, Wis. [**24**-132 E4].
Sophagasenus **17**-575a.
Sophene, Rom. Emp. map **19**-501 (K4).
Sophĕrim **21**-770a; **17**-689c.
Sophia (Anhalt Zerbst): *see* Catherine II.
— **(Bav.) 11**-59a.
SOPHIA (electress, Hanover) **20**-999a; **20**-381a; **8**-524a.
— (Mecklenburg) **9**-714c.
— (Pol. q.): *see* Sonia (Vyazma).
— (Theodore III., sister) **19**-716c.
— **ALEKSYEEVNA 20**-999b.
— Amelia **9**-715a.
— Augusta F.: *see* Catherine II.
— **DOROTHEA 20**-999d; **9**-724d; **10**-183b.
— Dorothea (princess of Hohenzollern) **6**-301a.
— Dorothea (Prussia) **10**-184a.
— Mikhailovicha **12**-832a.
—, isl., Pac.O.: *see* Hurakita.
— (gnostic) **10**-453d; **22**-951a.
— (rel.) **20**-369b.
Sophie Charlotte **11**-630c; **9**-716a.
— (character, Mirabeau): *see* Monnier, Marie Thérèse de.
— (character, Rousseau): *see* Houdetot, Madame d'.
Sophiko, Gr. [**24**-54 C4].
SOPHISM (philos.) **20**-999d.
Sophist (Sophistes) (Plato) **13**-452a; **18**-58d; **21**-429c; **23**-946a.
Sophistae (Plato, comic poet) **18**-64c.
Sophistical Elenchi (Aristotle) **14**-318c.
SOPHISTS (Gr.) **20**-999d; **14**-317a; Carneades **4**-894a; demonstrative geom. **10**-178c; education **20**-98c; ethics **8**-761d; nature **16**-164d; origin **17**-745b; Plato **18**-58d; truth **22**-522c.
Sophists, Against the (Isocrates) **12**-719b.
Sophists, Lives of the (Philostrates) **17**-763a.
SOPHOCLES 20-1003c; **7**-584b; **10**-835c fol.; criticism **18**-108b fol.
Sophonisbe (Mairet) **14**-694b.
Sophora tormentosa (bot.) **6**-941b.
Sophorin (chem.): *see* Cytisine.
SOPHRON (Syracuse) **20**-1005d; comedy **7**-584c.
Sophronistae **11**-20b.
Sophrosyne **18**-51c.
So-ping, China [**24**-70 B1].
Sopley, Eng. [**24**-15 B5].
Sopo, riv., A.E. Sud. [**24**-79 B6].
Soprano, cape, Sic. **10**-88c.
SOPRANO (mus.) **20**-1006a; **5**-6c.
Sopri, Ariz. [**24**-149 D7].
Sopris, Colo. [**24**-147 F4].
SOPRON, Hung. [**24**-50 E3]; **20**-1006a; **4**-400a fol.; street Pl. III. fig. 3 **11**-HUNGARY.
Sops (people) **17**-641a.
Sopusko, Yugos. **23**-921b.
SOPWITH, THOMAS O. M. 20-1006a.
— (aeroplane) **1**-442b.
— Aviation Co., Ltd. (Eng.) **20**-1006a.
— "Pup" (scout plane) **1**-452a.
Sör, fiord, Nor. [**24**-44 B1].
—, riv., Fr. [**24**-26 E4].
—, riv., Port. [**24**-32 B3].
SORA, It. [**24**-34 D4]; **20**-1006b; Samians **19**-481b.
— (bird): *see* Carolina rail.
SORABJI, CORNELIA 20-1006b.
SORACTE, mt., It. **20**-1006c.
Soralia (bot.) **14**-30d.
SORANUS (physic.) **20**-1006c; **2**-695a.
Sora rail (bird) **16**-925a.
Sorata, mt., Bol. [**24**-162 D7]; **13**-714a.
Sorath, dist., India **13**-295b.
SORAU, Ger. [**24**-39 L2]; **20**-1006d.
Sorauren (battle) **17**-470b.
Sorb (lang.) **18**-161c fol.; **20**-788b fol.
Sorbas, Sp. [**24**-33 E4]; **6**-760b.
Sorbasiya, 'Iraq [**24**-61 C4].
Sorbenburg (ruins, Ger.): *see* Hoher Schwarm.
Sorbet (drink) **12**-40b.
Sorbière (au.) **7**-246b.
Sorbiodunum (Old Sarum), Rom. Brit. map **4**-160b; *see also* Old Sarum; Salisbury.
Sorbiodurum, Ger.: *see* Straubing.
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— Union (Ger. pol. party) 7-880c; 10-306c.
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— phalanx (mil.) 14-565a.
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— bolometer **3**-823d.
Specularia perfoliata (bot.): *see* American Venus's looking glass.
— Speculum (bot.): *see* Venus's Looking Glass.
Specular iron-ore: *see* Haematite.
Speculation **14**-915b; **18**-1002c.
— (fin.) **21**-421b; **4**-314b.
Speculative Society (Eng.) **15**-491c fol.
Speculator, N.Y. [**24**-103 F2].
Speculum **19**-565b; *see also* Mirror.
— biflora (bot.): *see* Small Venus's looking glass.
— bronze **4**-240a.
Speculum Majus (Vincent de Beauvais) **23**-168c; **8**-425a.
— Veneris (bot.): *see* Venus's Looking Glass.
Spee, Friedrich von (au.) **10**-222d.
—, **MAXIMILIAN,** count von **21**-200a; **6**-459d; **9**-53a; **23**-779b.
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—, parts of **10**-614a.
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SPEED, JOHN **21**-200b.
—, Joshua F. **14**-139d.
—, Ind. [**24**-127 C4].
—, Kan. [**24**-142 C2].
—, Mo. [**24**-140 E3].
—, N.C [**24**-112 H2].
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SPEEDOMETERS **21**-200b; **1**-250a; **15**-894d; **21**-734d.
Speed reducer Pl. III. fig. 1-O **18**-POWER TRANSMISSION.
— skating **20**-728c.
Speed the Plough (Morton) **7**-604a.
Speedwell, Tenn. [**24**-117 H1].
—, Va. [**24**-110 C4].
—, cavern, Derby., Eng. **5**-5d.
SPEEDWELL (bot.) **21**-200d.
"Speedwell" (ship) **15**-123b.
"Speedy" (gunboat) **23**-778a.
Speelwijk, ft., Jav. **3**-79b.
Speen, Berks., Eng. [**24**-15 B4]; **17**-988c.
Speenhamland, Berks., Eng. **16**-279c.
— **SYSTEM** **21**-200d; **18**-214c.
Speer, Robert W. **7**-226a.
—, Colo. [**24**-147 F1].
—, Ill. [**24**-128 C3].
—, Okla. [**24**-143 H4].
—, Wyo. [**24**-146 H4].
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—, Ind. [**24**-126 C2].
Speidell, John **14**-305a.
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Speigner, Ala. [**24**-118 C3].
SPEKE, HUGH **21**-201a.
SPEKE, JOHN H. (Brit. expl.) **21**-201a; **4**-447b fol.; **10**-144a; Kagera riv. **13**-239a; Mfumbiro **15**-404a; Somaliland **20**-966b; Vjiji **22**-667d.
—, mt., C.Af. **19**-777b.
Speke, gulf, Tanganyika Terr. [**24**-83 F3].
— Hall (Liverpool) **11**-813a.
Spekulative Dogmatik (Baader) **2**-833d.
Spelen van Sinnen **7**-772b.
Spelerpes **22**-281d.
SPELL (magic) **21**-201c; **14**-626a; **8**-58a fol.
Spellacy, O. [**24**-124 C3].
Spelling **8**-374c; **13**-700a; **9**-763a.
Spelling Book (Webster) **5**-476b.
Spellmans, N.Y. [**24**-103 G1].
SPELLO, It. **21**-202a; *see also* Hispellum.
SPELMAN, SIR HENRY **21**-202a.
—, Sir John **21**-202a.
— Fund of N.Y. **19**-366c.
Spelt **23**-559b fol.; **5**-158a; *see also* Maize.
Spelter (met.) **4**-61c fol.; **23**-951b.
— solder **20**-939a.
Speluncae, It. **9**-450a.
Spel van Sinnen **7**-615d.
Spem in alium (Tallis) **21**-768b.
Spence, Peter **1**-713a.
—, **THOMAS** **21**-202b.
—, Calif. [**24**-155 C4].
Spencean Philanthropists, Society of **21**-202c.
Spenceley, J. W. **3**-869b; Pl. II. fig. 1 **3**-BOOK PLATES.
Spencer (calligrapher) **4**-617a.
—, Sir Baldwin **14**-979d.
—, Brent **17**-466a.
—, Charles, 3rd earl of Sunderland: *see* Sunderland.
—, Lady Dorothy **11**-94b.
—, George John Spencer, 2nd earl **21**-204a.
—, Georgiana, duchess of Devonshire: *see* Devonshire.
—, Henry, 1st earl Sunderland: *see* Sunderland.
SPENCER, HERBERT **21**-202c; Absolute unknown **1**-64d; animal play **18**-71a; anthropomorphism **2**-59b; associationism **2**-566a; Comte **6**-193a; deductive inductive method **20**-132c; ethics **8**-776a; evolution **17**-757a; **8**-930b; heredity **10**-100d; Huxley **11**-949d fol.; innato idea **12**-368b; materialism **18**-89b; mental training **7**-966b; psychology **18**-714b; **7**-967c; reproduction **19**-172b; sociology **20**-912a; style **8**-598c; Theism **22**-46d; utilitarianism **22**-914c.
—, **JOHN C. SPENCER,** 3rd earl **21**-204a.
—, **JOHN P. SPENCER,** 5th earl **21**-204a.
—, Robert, 2nd earl of Sunderland: *see* Sunderland.
—, Stanley **2**-1010b.
—, Thomas **18**-505a.
—, Ala. [**24**-118 B2].
—, co., Ind. [**24**-126 A4].
—, co., Ky. [**24**-116 E2].
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—, Ind. [**24**-127 B3].
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SPENCER, Mass. [**24**-98 C1]; **21**-204b.
—, Me. [**24**-96 B3].
—, Mich. [**24**-131 F5].
—, Neb. [**24**-139 F2].
—, N.Y. [**24**-103 D3].
—, O. [**24**-124 C2].
—, S.Dak. [**24**-137 G3].
—, Tenn. [**24**-117 F2].
—, Wis. [**24**-133 C5].
—, W.Va. [**24**-111 B3].
—, Wyo. [**24**-146 H2].
—, bay, S.W.Af. [**24**-81 A3].
—, cape, Alsk. [**24**-156 O7].
—, cape, Austr. [**24**-192 C3].
Spencer, cape, N.B., Can. [**24**-88 D3].
—, lake, Austr. [**24**-168 C5].
—, lake, Me. (Somerset co.) [**24**-96 B3].
"Spencer" (horse) **11**-770d.
Spencer-Churchill, J. W., 7th duke of Marlborough: *see* Marlborough.
Spencerian handwriting **4**-617a.
Spencerites (palaeobot.) **17**-76a.
Spencer Pond, lake, Me. (Piscataqua co.) [**24**-96 C3].
Spencerport, N.Y. [**24**-102 C2].
Spencer's, gulf, S.Aus. [**24**-170 C5].
Spencerville, Ind. [**24**-126 D1].
—, Md. [**24**-108 C1].
—, Ont., Can. [**24**-90 E2].
Spence's Bridge, B.C., Can. [**24**-92 E4].
Spenceville, O. [**24**-124 A3].
SPENDER, JOHN A. **21**-204b.
Spending beach **11**-171d.
Spend the stone **6**-876d.
"Spendthrift, The" (Steen) **2**-483d.
Spendthrift trust **22**-513c.
Spener, J. K. P. **16**-351c.
SPENER, PHILIPP J. **21**-204c; **17**-919a; **12**-16d; **10**-223c.
SPENGLER, OSWALD **21**-204c.
Spennymoor, Dur., Eng. [**24**-13 C3].
Spens, J. **18**-873b.
SPENSER, EDMUND **21**-204d; **23**-97d; **19**-271a; elegy **8**-344a; English Renaissance **19**-133c; Harvey **11**-235d; Milton **15**-513d; ode **16**-702b; portrait Pl. I. fig. 3 **8**-ENGLISH LITERATURE; Raleigh **18**-960d; Sir P. Sidney **20**-617d; sonnet form **20**-998a; **1**-829c; style **8**-577b.
Spenser and his Poetry (Craik) **6**-631b.
SPENSERIAN STANZA **21**-208b; **23**-97d; **8**-577d.
Spent char **3**-845b; **21**-527c.
— lye **20**-859d.
— oxide **21**-545a.
Speothos: *see* Bushdog.
Spera, Della (Dati) **14**-839d.
SPERANSKI, COUNT MIKhail M. **21**-208b; **19**-719b.
Speranza: *see* Elgee, Jane Francisca.
Speratus, Paul **12**-16b.
Spercheios (battle) **10**-786c.
Spercheius, riv., Gr. **22**-127d.
Spergularia: *see* Spurrey; Sandwort spurrey.
Sperillen, lake, Nor. [**24**-44 D1].
Sperland, Ill. [**24**-128 C2].
Sperlonga, It.: *see* Speluncae.
SPERMACETI **21**-208c; **4**-738d; **16**-751b.
— whale **1**-739b.
Spermatazoon: see Spermatozoa.
Spermatheca **12**-411b.
Spermatia **9**-931a; **9**-934a.
Spermatic arteries **2**-452d.
— plexus **16**-240c.
— veins **23**-29d.
Spermatogenesis **6**-950b.
Spermatophyta: *see* Spermophyta.
Spermatozoa **6**-941c; **19**-173a; **20**-408a fol.; fertilization **9**-187d; embryo **8**-387c fol.; **3**-592a; organic evolution **8**-919c.
Spermatozoid **8**-919c; **18**-724b; figs. 1, M **1**-593.
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Sperm oil **23**-556a fol.; **5**-169a; **16**-751c; **14**-94d.
Spermonde, arch., Mal. Arch. [**24**-72 E4].
SPERMOPHILE **21**-208c.
SPERMOPHYTA **21**-208c; *see also* Phomerogams.
Spermunde, Du. E.I. **5**-88c.
SPERM-WHALE **21**-208c; **5**-171b; **23**-554c fol.; **6**-880d; *see also* Cachalot.
Sperone (stone) **19**-465a.
Speroni, Sperone **7**-591a; **12**-743c.
Sperrin, mts., Ire. [**24**-20 D2; **24**-177 C3]; **12**-593d.
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— compass **11**-44b; gyro-pilot **11**-49a.
— gyro track recorder **11**-48d.
— stabilizer **11**-48b.
Sperryville, Va. [**24**-110 F2].
Spert, Sir Thomas **22**-480d.
Spervogel (poet) **15**-558d.
SPES (myth.) **21**-209a.
Spessart, Ger. **10**-29b.
SPESSART, forest, Ger. **21**-209a.
—, mts., Ger. [**24**-38 E3-4].
Spessartine **10**-28c fol.
Spessartites **13**-635a.
Spetcheley, Worcs., Eng. [**24**-16 D2].
Spettisbury, Dorset., Eng. [**24**-17 D4].
SPEUSIPPUS **21**-209b; **18**-59c; **18**-63a.
Spey, lake, Scot. [**24**-18 D5]; **21**-209c.
SPEY, riv., Scot. [**24**-18 D4; **24**-177 E2]; **21**-209c; **9**-436a; **12**-548c.
SPEYER, Ger. [**24**-38 D4]; **21**-209c; **3**-230d fol.; **10**-256c; **10**-256d; Pl. V. fig. 1 **10**-GERMANY; *see* Spires.
Speyerbach, riv., Ger. **21**-209c.
Speykense, Holl. [**24**-28 C3].
Spezia, dept., It. **12**-761a.
SPEZIA, It. [**24**-34 B2]; **21**-209d; **7**-490a.
—, bay, It. **21**-209d.
— Mission **3**-88b.
Spezund, India [**24**-65 B3].
Spezzia, isl., Gr. [**24**-55 C4].
S.P.G.: *see* Society for the Propagation of the Gospel.
sp.gr. (abbrev.) **1**-26b.
Sphacelariales **1**-596d; **1**-592a.
Sphacelinic acid **8**-683c.
Sphaceloma ampelinum **23**-170d.
Sphacteria, isl., Gr. **17**-453b.
— (battle) **5**-801a.
Sphaera (boxing-glove) **4**-527d.
Sphaeriales (bot.) **9**-931d.
Sphacrica (Theodosius) **22**-60d.
Sphaeristerium **2**-993b.
Sphaeroactinomyxon (biol.) **18**-634d.
Sphaerocarpus (bot.) **4**-304c.
Sphaerocodium limestone **20**-679b.
Sphaerophrya pusilla (biol.) **18**-635a.
Sphaerosiderites: *see* Clay ironstone nodules.
Sphaerospora Divergens fig. 22 **18**-628.
Sphaerotheca (bot.) **9**-931c.
— humuli: *see* Hop mould.
— mors-uvae **10**-522b.
— pannosa: *see* Rose mildew.
Sphagia, isl., Gr.: *see* Sphacteria.
— (ceramics) **2**-156a.
Sphagnales (bot.) **4**-303a fol.
Sphagnum (bot.) **4**-306b.
Sphairistike **13**-783d.
Sphakia, dept., Crete [**24**-54 D5].
—, Crete [**24**-54 D5].
—, isl., Medit. **6**-676c.
Sphaklanakis **6**-686d.
SPHALERITE: *see* Blende; Zinc blende.
Sphargis coriacea: *see* Luth turtle.
Sphärische Kettenlinie: *see* Spherical catenary.
Sphecidae (zool.) **12**-12b.
Sphecoidea (zool.) **23**-400b; *see* Digging wasps.
Sphecotheres (zool.) **16**-904b.
Spheerium corneum fig. 24 **13**-624.
Sphendadates: *see* Smerdis.
Sphendale, anc. Attica map **2**-659.
SPHENE (TITANITE) **21**-209d; **10**-94d.
SPHENISCIDAE: *see* Penguin.
SPHENODON: *see* Reptiles.
Sphenoid **20**-759a; **6**-818b.
Sphenoidal air sinus **20**-760b.
— class **6**-818a.
— fissure **20**-758a.
— sinus **20**-716b; **17**-696.
Sphenomandibular ligament **20**-744a.
Spheno-maxillary fissure **20**-758a.
— fossa **20**-758c.
— ganglion **16**-233b.
Sphenophyllales **18**-726a.
Sphenophyllum (palaeobot.) **17**-82d; **17**-73c.
— (zool.) **4**-845c.
— fertile **17**-73d.
— Saxifragaefolium Pl. I. fig. 8 **17**-PALAEOBOTANY.
Sphenopteris Obtusiloba Pl. I. fig. 5 **17**-PALAEOBOTANY.
Sphenotic bone **20**-761a fol.
Sphenozamites **17**-85b..
SPHERE **21**-210a; **6**-276a; **15**-253c; *see also* Ellipsoid.
Sphere **16**-341d; **20**-576a.
Sphere and Cylinder (Achimedes) **6**-924a; **2**-270a.
Spheres of action: *see* Spheres of influence.
— **OF INFLUENCE** **21**-210a.
— of interest: *see* Spheres of influence.
— tracks **23**-640a.
Spherical aberration **17**-825b; **15**-434c fol.; defects of eye **23**-201b.
— angle **1**-928d.
— astronomy **2**-580b.
— buoy **4**-394d.
— catenary **6**-898c.
— epicycloid **6**-898c.
— gasholder **10**-40c.
— **HARMONICS** **21**-210c.
— Helix: *see* Loxodrome.
— lemniscate: *see* Horse Fetter.
— trig. **22**-473c; **18**-734b fol.
— waves **14**-75c.
Sphero-conic **6**-225b.
SPHEROID **21**-213c; **10**-133c; **8**-371d; Archimedes **2**-270a; *see also* Ellipsoid.
Spheroidal structure **16**-116b.
Spheroides (zool.) **9**-325d.
SPHERULITES **21**-213c; **20**-272b; **22**-992b; Lava **17**-673c; obsidian **16**-675d.
Sphettus, anc. Attica map **2**-659.
Sphex **12**-13b.
Sphincters **15**-986b.
Sphingidae: *see* Hawk moth.
Sphinx, Mont. [**24**-144 C3].
—, Utah [**24**-152 D3].
SPHINX **21**-213d; **8**-60a; **8**-46d; **8**-108d; Delphi **7**-174c; Oedipus legend **16**-709d; riddle **21**-214c; Pl. I. fig. 1 **8**-EGYPTIAN ARCHITECTURE.
— temple of the, Egy. **8**-70b; **8**-50d.
— convolvuli: *see* Hawk moth.
Sphodrias **7**-166b.
Sphragides **14**-837d.
Sphygmograph **22**-1006a.
Sphygmomanometer **3**-746c; **22**-1005c; **7**-307b.
Sphyraenidae **9**-323a; *see also* Barracuda.
Sphyrapicus: *see* Sapsucker.
— ruber: *see* Red-breasted sapsucker.
— thyroideus: *see* Williamson sapsucker.
— varius: *see* Yellow-bellied sapsucker.
Sphyrna: *see* Hammer-head.
Sphyrna **11**-132d.
— Zygoena: *see* Hammerhead shark.
Spica, Kan. [**24**-142 B2].
Spica Pl. II. **21**-STAR.
Spice-berry: *see* Wintergreen.
SPICE-BUSH **21**-214c; *see* Wild allspice.
SPICE ISLANDS: *see* Moluccas.
Spiceland, Ind. [**24**-126 C3].
Spicer, A. Dykes **4**-849a.
—, Minn. [**24**-135 D6].
Spices **7**-872d.
Spice trade **14**-715c.
Spicewood, Tex. [**24**-123 E4].
Spicheren (battle) **3**-244b; **9**-677c; **15**-681b.
Spicherer Berg, mt., Fr. [**24**-25 M2].
Spickard, Mo. [**24**-140 D1].
Spicule **20**-746c.
Spicules (snow) **20**-855a.
— (zool.) **2**-32b; **21**-259b.
Spiddle, Ire. [**24**-20 B3].
Spider, Wis. [**24**-132 B3].
Spider and the Flie, The (Heywood) **11**-537c.
Spider crab **19**-66c; **6**-627b.
— Helmet fig. 5 **11**-410.
— lily **1**-728c.
— **-MONKEY** **21**-214c; **22**-254b; **18**-187b; **14**-760a; Pl. I. fig. 7 **18**-PRIMATES.
— -orchis **16**-807c.
SPIDERS (zool.) **21**-214d; **2**-205b; **11**-307a; **17**-132a; courtship **6**-71a; **6**-609b; eyes fig. 4 **20**-629; types ii. **21**-215; Pl. II. fig. 4 **6**-COURTSHIP OF ANIMALS.
Spiegel **12**-657a; **12**-649c.
Spiegel der Zeevaart (Waghenaer) **14**-843d.
Spiegeleisen **18**-799c; **9**-697b.
Spiegelmensch (Werfel) **10**-229d.
Spiegelschrift **2**-788b.
Spiel **6**-876d.
Spielberg, hill, Czech. **4**-206a.

SPIELHAGEN, FRIEDRICH Von (Ger. au.) **21**-216b; **10**-227b fol.
Spielleute **10**-220a.
Spielman, Sir John **7**-63b.
Spielmann, R. **5**-429d; **5**-433a.
Spien Kop, mt., Natal [**24**-81 E3].
Spier, L. **19**-85c fol.
Spierte, penin., Nor. [**24**-42 N1.]
Spies, N.C. [**24**-112 F2].
Spiez, Switz. [**24**-30 D3].
Spigelian lobe **14**-229 a fol.
Spigener, S.C. [**24**-113 C3].
Spike (bot.) **9**-408c.
—, oil of **13**-776a.
Spikelet (bot.) **9**-408c; **10**-653d fol.
SPIKENARD (NARD) **21**-216c.
Spiling (engin.) **20**-431c.
SPILITE (rock) **21**-216c.
Spill, D. **5**-98b.
— (met.) **15**-319a.
Spiller, Gottfried **10**-403c; Pl. VI. fig. 8 **10**-GLASS.
Spillville, Ia. [**24**-138 F1].
Spillway (dam) **8**-158b.
Spilman, Sir John **17**-230a.
—, W.Va. [**24**-111 A3].
Spiloglaux novae-zealandiae (bird): *see* Brown owl.
Spilsby, Lincs., Eng. [**24**-14 D2].
— sandstone (geol.) **6**-672.
Spin (projectiles) **2**-1000b.
SPINA, IT. **21**-216d.
Spinacene (chem.) **16**-748b.
SPINACH **21**-217a; **6**-369c.
Spinachia (fish): *see* Fifteen-spined stickleback.
Spinacia oleracea (bot.): *see* Spinach.
Spinae, Rom. Brit. map **4**-160d: *see also* Speen.
Spinakar Pl. III. **23**-YACHTING.
Spinal accessory nerve **1**-882a; brain fig. 9 **4**-14; **16**-234c.
— analgesia (med.) **1**-863a.
— canal (anat.) **21**-218a.
— centre (nerves) **7**-382a.
— column (anat.) **15**-987b: *see also* Spine.
— **COLUMN, SURGERY OF** **21**-217a.
— **CORD** (anat.) **21**-218a; alligator fig. 14A **4**-18; diseases of Pl. figs. 8, 9, 10, 11 **16**-NEUROPATHOLOGY; ferret embryo il. **20**-734; pigeon fig. 15 **4**-18; surgery **21**-603c.
— fluid (physiol.) **23**-400d.
— fusion (surg.) **21**-217c.
— **MENINGITIS** **21**-228b.
— nerves **16**-235a; fig. 7 **16**-241.
— puncture (surg.) **21**-217d.
— reflex arc **21**-223a.
— stepping **21**-222d.
— tract (feather) **9**-130c.
Spinazzola, It. [**24**-35 F4].
Spinckes, Nathanael **16**-485c.
Spincourt, Fr. [**24**-25 L2].
Spindelmühle, Czech. [**24**-39 L3].
Spindle (biol.) **18**-625d.
— (female branch): *see* Distaff.
— (measure) **21**-230b.
— (spinning) **21**-230a; mech. **23**-734d fol.
—, cap (mfr.) fig. 6 **23**-796.
—, flyer (mfr.) fig. 5 **23**-795.
—, ring (mfr.) fig. 8 **23**-796.
Spindles, cotton: *see* Cotton Spindles.
Spindle system: *see* Skewer system.
— top, oil wells, Tex. **17**-664a; **21**-995a.
SPINDLE-TREE **21**-229b.
Spindle valve (mech.) **11**-960d.
Spine (anat.) **1**-882d; **16**-943d, **20**-732c; fishes **9**-307c; rear view fig. 2 **20**-733; scapula **20**-737b; tibia **20**-739a.
— (bookbinding) **3**-859a.
— (bot.) **21**-380d: *see also* Thorn.
Spined loach (fish) **14**-258a.
SPINEL (min.) **21**-229b.
SPINELLO, ARETINO **21**-229d.
Spinel-twin (min.) fig. 83 **6**-831; law **6**-821c.
SPINET (SPINNET) **21**-229d; Jack fig. 7 **17**-894.
Spinetta (mus. instru.) **17**-894b: *see also* Octave spinet.
Spingarn Joel E. **1**-793d.
Spingawi Kotal, Afg. **19**-350c.
Spinifex, mts., W.Aus., Austr. [**24**-168 D4].
Spinifex (plant) **10**-654c; **10**-656d.
Spiniger (insect) **15**-519b.
Spinitulity **6**-160c.
Spink, co., S.Dak. [**24**-137 F2].
—, S.Dak. [**24**-137 H4].
Spinneret (anat.) **20**-666b.
Spinnerette **20**-664b.
"Spinners, The" (Velazquez) Pl. VIII. fig. 7 **17**-PAINTING: *see also* Hilanderas, Las.
Spinning (angling) **1**-939a fol.
SPINNING (indus.) **21**-229d; *see also* Combing; Weaving.
— brass **4**-44d.
— condenser (elec.) **8**-142d.
— die (gaming) **7**-329c.
— frame **2**-372b; fig. 16 **6**-545; Slater's il. **19**-256.
— jenny (machine) **2**-372a; **3**-679d; **19**-256b; **6**-544c; **20**-231a; fig. 15 **6**-544: *see also* Jenny (spinning).
— machinery cotton fig. 23 **6**-572.
— mule (mech.) **6**-738d; **23**-734c.
— wheel **6**-542d; Pl. XII. fig. 3 **19**-RUGS AND CARPETS.
SPINOLA, AMBROSE, marquis de los Balbases **21**-231a.
Spino-tectal (anat.) **4**-12b.
Spino-thalamic tract (anat.) **4**-12b; **21**-217c.
Spinous process (anat.) **20**-732d.
Spinoza, Baruch: *see* Spinoza, Benedictus de.
—, **BENEDICTUS DE** **21**-231b; absolute, the **1**-64d; *Apology* **21**-232b; atheism **2**-600d; actuality theory **1**-145b; cosmic view **2**-41a; **8**-759c; ethics **8**-774c; excommunication **13**-58a; **21**-232c; free-will **9**-746c fol.; Goethe **10**-474b; immortality, opinion **12**-112a; infinite, theory of **12**-341a; intuition **12**-543d; logic **14**-326c; mechanism **15**-169a; metaphysics **15**-332d fol.; monism **15**-721d; Old Testament **3**-508b; knowledge **13**-456c; on nature **16**-164d; on truth **22**-523b; pantheism **17**-191b; political philosophy **21**-238b.
Spinozism (philos.) **2**-93c.
Spintharíscope (instru.) **6**-747d.
Spinus pinus (bird): *see* Pine-finch.
Spiny amaranth (plant) **1**-727d.
— **ANT-EATER**: *see* Echidna; *see also* **16**-243b.
— aster (plant) **2**-571c.
— dogfish (zool.) **19**-179c.
— Dormouse (animal) **19**-373d.
— jujube (tree) **22**-557a.
— lobster (crustacean): *see* Rock lobster.
— pocket-mouse (animal) **18**-103a.
— shark (fish) **20**-466c.
Spiny-tailed duck **7**-706c.
— tree rat **19**-374a.
Spionidae (worms) cilia **1**-992a; fig. 2 **17**-1003.
Spion Kop, Mont. [**24**-144 C2].
SPION KOP, mt., S.Af. **21**-239b.
— kop (battle, 1900) **21**-239b.
— **SQUIRREL** (animal) **21**-239b.
Spira, Johann da **18**-508c.
—, Wendelin da **18**-508c.
—, Ger.: *see* Speyer.
Spiracles (zool.) **12**-410c.
SPIRAEA (plant) **21**-239b; **19**-550a; *see also* Astilbe japonica.
— Filipendula: *see* Dropwort.
— tomentosa: *see* Hardhack.
Spiraeoideae (bot. suborder) **19**-550a.
— ulmaria: *see* Meadow-sweet.
SPIRAL: *see* Curves.
— (stairway) **11**-402b; **21**-299a.
— auger (tool) **3**-902c.
— casing (mach.) Pl. figs. 7, 8 **22**-TURBINE: WATER.
— claw clutch (mech.) **5**-863c.
— condenser (apparatus) **7**-428c.
Spirale de Cornu (math.): *see* Euler's spiral.
Spirale de Fresnel (math.): *see* Euler's spiral.
— logarithmique conique (math.): *see* Cylindro-conical helix.
— sinusoïdes (math.): *see* Sinusoidal spirals.
Spiral ganglion **7**-824d.
Spiral-grain (wood) **22**-217d.
Spiral guide run (gasholder) fig. 4 **10**-40.
Spiralia (zool.) **3**-1000d.
Spiral ligament (anat.) **11**-297c; fig. 4 **7**-825.
Spirally guided gasholder (tank) **10**-39c fol.
Spiral nebulae (astron.) **6**-490b; **16**-187a; **17**-836c; Pl. II. **16**-NEBULA.
— of Archimedes (geom.) **2**-270a; **6**-894a.
Spirals, On (math. treatise, Archimedes) **2**-270a.
Spiral sailing (flying) **3**-625a.
— spring (phys.) **8**-120b; **23**-484b.
— tracheid (bot.) **18**-8d.
— vernation (bot.) **13**-829a.
— yarn **23**-879d.
Spiranthes (orchid): *see* Lady's tresses.
— autumnalis (orchid): *see* Lady's tresses.
— Romanzoffiana: *see* Hooded lady's tresses.
Spirding See, lake, Ger. [**24**-40 E2].
SPIRE (arch.) **21**-239b; St. Stephen's Cath., Vienna Pl. fig. 6 **23**-VIENNA.
— (of barley): *see* Acrospire.
SPIRE LIGHT (arch.) **21**-240c.
SPIRES, Ger.: *see* Speyer.
—, Ill. [**24**-128 D3].
Spirey, Kan. [**24**-142 D4].
Spiriclines of Perseus (math.) **6**-898b.
Spirifer (zool.) **7**-288c fol.
— koninckí (zool.) **4**-843c.
— striatus Pl. fig. 16 **3**-BRACHIOPODA.
Spirillum desulphuricans (bac.) **2**-908c.
— fever: *see* Relapsing fever.
— obermeieri: *see* Relapsing fever.
— rubrum (bac.) fig. 1 **2**-900.
Spirillum sp. (Bacteria) Pl. I. fig. 6 **2**-BACTERIOLOGY.
Spirillum undula (bac.) fig. 1 **2**-900.
Spirit, Wis. [**24**-132 C4].
—, lake, Ia. [**24**-138 B1].
Spirit (philos.) **6**-191d fol.; **6**-732c; Croce's theory **17**-758b.
— (rel.) **1**-974c; **18**-302c; **19**-107c; **22**-446a.
Spirit, Philosophy of the (Croce) **6**-732b.
Spirit compass: *see* Liquid.
— Falls, Wis. [**24**-132 D4].
— Lake, Ia. [**24**-138 B1].
— Lake, Ida. [**24**-145 B2].
Spirit-level **22**-295d.
"Spirit of St. Louis" (aeroplane) **14**-149c; **19**-938d; fig. 2 **15**-730.
Spirit of wine (alcohol): *see* Ethyl alcohol.
Spiritoso (mus.): *see* Con spirito.
Spirit path, China: *see* Shen tao.
— -reading (conjuring) **6**-261b.
Spirits (demonology) **7**-189a; **3**-910d fol.; **15**-200a.
SPIRITS (liquors) **21**-240c; adulteration **1**-192a; consumption **7**-663b; **21**-242d; duties **21**-242b; physical effects **1**-541a.
— Act (1816, Eng.) **18**-581b; **21**-240c fol.
Spirit ship (Egy. model) **15**-630b.
Spirits of hartshorn (chem.): *see* Ammonia and Hartshorn.
— of salt (chem.): *see* Hydrochloric acid.
— of the spheres (Jewish philos.) **13**-40b.
— of wine: *see* Alcohol.
Spiritual (mus.) **16**-199b.
— baptism: *see* Desire, baptism by.
Spiritual Exercises (Loyola) **13**-10a; **14**-449a.
SPIRITUALISM (research) **21**-246b; **1**-55d; **21**-491b; writing **2**-788a; **6**-261b; Bergson **17**-758a; trance **22**-403b.
Spirituality of God **22**-64b.
Spiritual Milk Drawn out of the Breasts of Both Testaments (Cotton) **5**-475b.
Spiritual pluralism (philos.) **18**-89c.
Spirituals (R. C. sect) **12**-380b; **13**-71b; **13**-86a.
— (Franciscan party): *see also* Zealots.
Spiritual Verses (Russ. poem) **19**-752b.
Spiritu Sancto, De (Basil) **3**-171a.
Spiritus Chloroformi (drug) **5**-610a.
— fumans Libavii (chem.): *see* Stannic chloride.
— menthae piperitae (pharm.) **17**-498c.
— Rectificatus (chem.) **21**-240c.
— tartari (chem.) **21**-823d.
Spiro, Okla. [**24**-143 J3].
Spirochaete (bac.) **19**-883d.
— cytophaga (bac.) **2**-906c.
— cytophaga (biol.) **20**-930d.
— pallida (bac.) **22**-72d; **23**-42d.
— pertenuis (spirillum) **23**-881b.
Spirochaetic dysentery (med.) **7**-818b.
Spirochaetosis (med.) **19**-228d.
— icterohaemorrhagica: *see* Jaundice, infective.
Spirocyclanes (chem.) **5**-381a.
Spirocyst (zool.) **5**-967b.
Spirodela (bot.) **7**-707b.
— polyrrhiza (bot.): *see* Greater duckweed.
Spirogyra fig. 2, F **1**-595.
Spirollosis (disease) **22**-192b.
Spirometer (instru.) **19**-217a.
Spirophase (biol.): *see* Interphase.
Spiroptera neoplastica (worm) **9**-212d.
Spirorbis (worm) **1**-993d.
Spirula (fishes) **6**-910a.
— peronii (ammonite) fig. 7 **5**-150.
Spirulirostra (cephalopod) **5**-153b.
Spiš Bela, Czech. [**24**-51 G2].
Spit (anc. coin) **16**-616a.
(geog.) **3**-92c.
Spita (lang.) **22**-187a.
SPITALFIELDS, dist., Lond. **21**-249b.
Spital-in-the-Street, Lincs., Eng. [**24**-14 C2].
— of Glenshee, Scot. [**24**-18 E5].
Spitama (myth.) **23**-987d.
SPITHEAD, pt., Eng. [**24**-177 F5]; **21**-249b.
Spiti, dist., India **4**-647b; **13**-515d.
Spit Sand, bank, Eng. **21**-249b.
SPITSBERGEN, isl., Arct. [**24**-4 A11]; map **2**-295 (M2); **21**-249b; explorations **2**-296d; fisheries **7**-776b; **23**-554b; glaciers **10**-382c; surveys **2**-300b.
— drift (physiog.) **2**-303a fol.
SPITTA, JULIUS A. P. **21**-251c.
—, Karl J. P. **12**-17b.
Spittal, Robert **7**-557d.
—, Northumb., Eng. **3**-467d.
SPITTELER, CARL **21**-251c.
Spitting (silver) **20**-682a.
— cobra **5**-937a.
— snake: *see* Haje.
Spitz (dog) **7**-496b.
Spitzberg, mt., Ger. **8**-699d.
Spitzenburg, Wash. [**24**-150 E4].
Spitzenburg (apple) **9**-885b.
Spitz-Flöte (organ): *see* Gemshorn.
Spitzkasten (machine): *see* Box classifier.
Spiza americana (bird): *see* Black-throated bunting *and* Dickcissel.
Spizella passerina (bird): *see* Chipping sparrow.
Spizza, ft., Yugos. **2**-81a.
Splachnum luteum (bot.) **4**-306c.
Splanchnic afferent fibre (anat.) fig. 4 **16**-240.
— branch (anat.) **16**-241b.
— nerve (anat.) **16**-240b.
— sensory components (anat.) **16**-242a.
Splanchnocoele (embryol.) **23**-100b.
Splanchnopleure (embryol.) il. **20**-734; **23**-101c.
Splay (arch.) **3**-488a.
— rebated joint fig. 2 **13**-122.
SPLEEN (anat.) **21**-251d; and circulation **22**-1006d; ductless glands **7**-707d fol.; enlargement of Pl. fig. 3 **17**-PARASITIC DISEASES.
Splenic fever: *see* Anthrax.
— plexus (anat.) fig. 4 **16**-235; fig. 6 **16**-241.
— glands (anat.) **14**-524a.
— vein (anat.) **17**-888d; **23**-30a.
Splenium fig. 10 **4**-15.
Splenius (muscle) **15**-986d.
Spleno-myelogenous leucaemia (blood) **3**-744c.
Splice (ropes) **13**-444a.
Splicing (hosiery) **11**-790b.
— chamber (telegraph): *see* Manhole.
Splint (in fracture) **9**-577d.
Splint-bone (gnat): *see* Fibula.
SPLIT (SPLJET), Yugos. [**24**-52 C3]; **21**-251d; **2**-981b; **12**-820c; palace **6**-992b fol.; il. **19**-391d.
—, bishopric, Yugos. **14**-699b.
—, cape, N.S., Can. [**24**-88 E3].
—, lake, Man., Can. [**24**-91 G2].
— infinitive (gram.) **12**-341c.
— interference (football) **9**-483a.
— line (football): *see* Line divide.
— Pinion (mech.) **23**-674b.
— play (football) **9**-485b.
— -ring clutch **5**-864b fol.
— Rock, Wyo. [**24**-146 E3].
— shot (croquet) **6**-750d.
Splitting (football) **9**-485d.
— (ironwork) fig. 7 **12**-680.
— factor (phys.) **18**-823a.
Split trail (gun carriage) **16**-866d.
SPLJET, Yugos.: *see* Split.
Splügen, Switz. [**24**-31 G3].
SPLÜGEN, pass, Switz. [**24**-31 G3]; **21**-252b.
— route, It. **5**-446d.
Spode, Josiah **5**-550d.
Spodsbjerg, Den. [**24**-46 C4].
SPODUMENE (min.) **21**-252b.
Spofford, N.H. [**24**-97 B4].
—, Oreg. [**24**-151 G2].
SPOFFORTH, FREDERICK R. **21**-252c.
—, Yorks., Eng. [**24**-13 C4].
SPOHR, LUDWIG **21**-252d; **5**-209c; **11**-253c.
Spoil (engin.) **7**-641d; **7**-645a.
Spoils system (U.S.) **8**-137d; **22**-969a; civil service **5**-747d; Grant **22**-818c; Jackson **7**-186b; Jefferson **12**-990c; Roosevelt **19**-537a.
—, co., Wash. [**24**-150 H3].
—, Mo. [**24**-140 D5].
—, O. [**24**-124 E2].
SPOKANE, Wash. [**24**-150 H3]; **21**-253c; **22**-736d.
—, mt., Wash. **21**-253c.
—, riv., Wash. [**24**-150 H3]; located **21**-253c.
Spokane (tribe) **19**-888b; **21**-253d.
— College (Wash.) **21**-253d.
— Falls, Wash.: *see* Spokane.
— House (Wash.) **23**-390d.
Spoke (bicycle) **3**-545b.
Spokeshave; types **13**-121b.
Spokeville, Wis. [**24**-133 C5].
Spöl, riv., Switz. [**24**-31 J3].
—, val., It. **8**-441c.
Spoletium, It.: *see* Spoleto.
SPOLETO (Spoletium), It. [**24**-34 D3]; **21**-253d; **14**-171b; **2**-161c; **1**-62d.
"Spoleto, Victory at" (paint. Titian) **22**-254c.
Spolku pro Volné přednášky z Mathematiky a Fysiky **15**-76a.
Spon, Jaques **2**-604b.
Spondee **23**-96a; **12**-28d.
Spondias mangifera: *see* Wild mango.
Sponge cake **4**-541b.
— cloth **6**-552d.
— dough **3**-655a.
— pudding **18**-753b.
— rubber **19**-609d.
SPONGES **21**-254c; fig. 4 **12**-554; Cambrian system **4**-645c; colour cause **6**-72b; Jurassic **13**-194b; muscles **6**-166a; reproduction **21**-260b; skeleton **20**-746c.
Spongillid (zool.): *see* Sponge.
Spongin **21**-255b; **21**-258d.
Spongioblast (embryol.) **21**-219b; il. **20**-734.
Spongiten Kalk **13**-194b.
Spongospora subterranea **18**-328a; **20**-934a.
Spongy platinum (met.): *see* Platinum black.
— urethra **19**-176c.
SPONSOR **21**-261b.

Spontaneity (psych.) **18**-676c.
Spontaneous aneurysm **1**-919d.
— attention **2**-658b.
— combustion **6**-98d; **5**-890b.
— Fermentation **4**-106b.
— generation, fermentation **2**-901b; **20**-111c; **8**-620d; *see also* Abiogenesis.
— generation of charge (elec.) **8**-226c.
— magnetization graph fig. 33 **14**-656.
— pneumothorax **18**-101c.
— tumours **22**-545a; **22**-542d.
— variation **1**-98a.
SPONTINI, GASPARO L. P. **21**-261c.
Spool (net-making) **16**-247a.
— Axminster: *see* moquette.
Spooler Pl. VI. fig. 5 **6**-COTTON AND THE COTTON INDUSTRY.
Spoon, riv., Ill [**24**-128 B3].
— (golf) **10**-504d.
— (tool): *see* Scraper.
SPOON (utensil) **21**-261d; **20**-688d; il. **1**-293; Pl II. figs. 1, 2, 4, 6, 7, 8, 9 **6**-CUTLERY; il **1**-505; *see also* Apostle Spoons.
SPOONBILL (bird) **21**-262a.
— (fish) **9**-312c.
— sturgeon: *see* Paddlefish.
Spooner, J. R. **7**-223a.
—, Lysander **1**-876a.
—, T. **14**-636c.
—, Wis. [**24**-132 B4].
Spoon River Anthology (poem, Masters) **1**-793a.
Spoonwood: *see* Mountain Laurel.
SPORADES, isls., Gr [**24**-55 E4]; **21**-262b; **7**-492d; **10**-754d.
—, Northern, isls., Gr. [**24**-55 D3].
Sporadic deaf-mutism **7**-104b.
— parthenogenesis **12**-413d
Sporangioles **16**-41a.
Sporangiospores **9**-925d.
Sporangium **17**-75b; figs. 3, A **1**-597.
Spore, O. [**24**-124 C3].
— (biol.) **18**-626b; **9**-458b; fig. 5 **2**-904; fig. 4 **2**-902.
— (bot.) **9**-923a fol.; **18**-35a; **18**-328a; **9**-934a.
— (coal) **5**-869d.
Sporea robusta: *see* Sal.
Sporengia **18**-327d fol.
Sporidia **9**-933c; **9**-934c.
Sporobolus (bot.) **10**-655b; **10**-657a.
Sporocarpon (bot.) **17**-72b.
Sporocyst (zool.) **22**-451d fol.
Sporodinia **9**-929c.
Sporogonium (bot.) **4**-302d.
Sporophila: *see* Grassquit.
— morelleti: *see* Sharpe's seed-eater.
Sporophore (bot.) **9**-925d fol.
Sporophyll (bot.) **11**-27a; **9**-408a.
Sporophyte (bot.) **4**-302d; figs 3, F **1**-597; **18**-724a; **18**-6d; **18**-4d fol.
SPOROZOA **21**-262b; **20**-932d; **12**-4a.
Spörring, Den. [**24**-46 C2].
Sport (biol.) **20**-119d.
Sporting knife **6**-908d.
Sporting Life (Lond. news.) **16**-339b.
Sporting rifles **20**-807d.
Sportive, lemur **13**-909b.
SPORTS, ARTICLES ON **21**-262b.
—, **THE BOOK OF** (James I.) **21**-262c.
— Club (Eng.) **5**-860b.
Sportsman (Lond. news.) **16**-339b.
Sportsmans Arms Inn, Wales [**24**-16 C1].
Sportsmanship Brotherhood (U.S.) **2**-627a.
Sportula **5**-249b fol.
Sporulation (biol.) **2**-902a; fig. 5 **2**-904.
"Sposalizio" (paint., Raphael) **18**-982a.
Spot, Tenn. [**24**-117 D2].
—, lake, Mass. **21**-438a.
— hearts (game) **11**-313a.
Spotiswood, John: *see* Spottiswoode.
Spot-light **21**-285c fol.; **15**-868b; Pl. VIII. fig. 4 **21**-STAGE DESIGN.
Spot market **11**-376d.
Spot-stroke **3**-566a.
SPOTSWOOD, ALEXANDER **21**-262d; **23**-188b.
—, John: *see* Spottiswoode.
—, N.J. [**24**-105 B2].
Spotsylvania, co., Va. [**24**-110 G2].
—, Va. [**24**-110 G2].
Spott Burn, riv., Scot.: *see* Brocksburn.
Spotted, mts., Nev. [**24**-153 E6].
— catfish Pl. II. fig. 11 **9**-FISHES.
— celadon (pottery) **18**-363d.
— cow-bane (bot.) **23**-415c.
— crane's-bill (bot.) **10**-205a.
— deer: *see* Chital.
— eagle-ray (fish) **18**-1004b.
— fever: *see* Cerebrospinal fever; spinal meningitis.
— flycatcher **9**-430d.
— gabbro (petrol.) **20**-52c.
— Horse, Wyo. [**24**-146 G1].
— hyaena **4**-898d; **12**-8b.
— **JEW-FISH** **21**-262d.
— knapweed **5**-122a.
— larkspur **13**-726b.
— moray il. **9**-315.
— pipsissewa **17**-949a.
— redshank: *see* Black redshank.
— salamander **19**-868d.
— sandpiper: *see* Peetweet.
— -tailed native cat **14**-978a.
— touch-me-not **12**-119c.
— wintergreen: *see* Spotted pipsissewa.
SPOTTISWOODE, JOHN **21**-262d; **5**-267d.
—, **WILLIAM** **21**-263a.
Spottswood, S.Dak. [**24**-137 F2].
SPOTTSYLVANIA, co., Va. **21**-263b; battle **13**-864a; map **1**-756.
Spotty tundra **19**-689a.
Spot welding **23**-493b.
Spout (bolt): *see* Stove.
— (of whales) **5**-166d.
— Spring, Ky. [**24**-116 G2].
— Springs, N.C. [**24**-112 F2].
S.P.R.: *see* Psychical Research, Society for.
Sprachunterricht muss umkehren, Der (Viëtor) **9**-495b.
Spragge, Sir Edward **7**-777d.
—, Ont., Can. [**24**-90 A1].
Spraggs, Pa. [**24**-106 A4].
Sprague, Albert A. **23**-875b.
—, F. J. **8**-295b fol.
—, Thomas B. **2**-3b.
—, W. P. **19**-628d.
—, Ala. [**24**-118 C3].
—, Mo. [**24**-140 C3].
—, Neb. [**24**-139 H4].
—, Wash. [**24**-150 H3].
—, Wis. [**24**-133 C5].
—, riv., Oreg. [**24**-151 D5].
— Electric Railway and Motor Co., U.S. **8**-296d.
— River, Oreg. [**24**-151 D5].
Sprague ville, Ia. [**24**-138 G2].
—, N.Y. [**24**-103 E1].
Sprain **9**-284b; **13**-132a; **8**-342c; **14**-810a.
Sprakers, N.Y. [**24**-103 F3].
SPRAT, THOMAS **21**-263b; **3**-594d; **8**-586d; **8**-587c; **2**-887b.
SPRAT (fish) **21**-263b.
Spratt, Mich. [**24**-130 H5].
—, O. [**24**-125 D4].
Spray, Oreg. [**24**-151 F3].
SPRAYING MACHINERY **21**-263b; **8**-624d; **18**-37a; **23**-475d; *see also* Oil sprayer.
Spray painting **7**-426d; **12**-495d.
— polishing Pl. III. fig. 2 **9**-FURNITURE MANUFACTURE.
— pond Pl. fig. 2 **19**-REFRIGERATION AND ICE MFG.
Spread: *see* Smear.
— (math.) **6**-95d.
— (mil.) **11**-2d.
— Eagle, Wis. [**24**-132 E4].
— -eagle (fin.) **4**-612a.
Spreader, manure: *see* Farmyard manure spreader.
Spread formation (football) **9**-482b.
— foundations **9**-554c.
Spreading beard-tongue (plant) **17**-495b.
— dog-bane: *see* Dog-bane.
— flame burner **10**-55a.
— frame (machine) **14**-160a.
— globeflower **10**-430c.
— vervain **23**-105d.
Spread play (football) **9**-485b.
Spreckels, Calif. [**24**-155 C4].
SPREE, riv., Ger. [**24**-39 K1]; **21**-264a; Pl. I. fig. 2 **3**-BERLIN; **3**-228c.
SPREEWALD, dist., Ger. [**24**-39 J2]; **21**-264a.
Spreewitz, Ger. [**24**-39 K2].
Sprekelia formosissima: *see* Jacobaea lily.
SPREMBERG, Ger. [**24**-39 K2]; **21**-264b.
Sprendlingen, Ger. [**24**-38 D4].
Sprengel, C. C. **3**-614d.
—, C. K. **18**-172c.
—, **HERMANN J. P.** **21**-264b; **14**-105d; **22**-926d; **7**-218c.
— pump **21**-264b.
Sprenger, Jacob **19**-551c.
Sprengisandr, depression, Ice. **12**-42b.
Sprengtporten, Jakob Magnus **11**-10c.
Sprigg, W.Va. [**24**-111 A4].
Sprimont, Nicholas **18**-353d.
Spring, Tom **18**-758c.
—, Kan. [**24**-142 D4].
—, Tex. [**24**-123 G4].
—, cr., Ga. [**24**-114 B6].
—, cr., S.Dak. [**24**-137 D1].
—, val., Nev. [**24**-153 F4].
SPRING **21**-264b.
— (arch.) **21**-264c; **2**-231d.
— (golf) **10**-504d.
— (instru.) **23**-484b.
— (mech.) **4**-929b fol.; **7**-814c; **15**-894a; **15**-922a; **16**-787c fol.; **8**-118d.
— (zool.) **2**-152c.
"Spring" (Walker) Pl. I. fig. 9 **23**-WATER COLOUR PAINTING.
Spring and Autumn (Confucius): see *Ch'un Ch'iu.*
Spring Bay, Ill. [**24**-128 C3].
— Bluff, Mo. [**24**-141 F3].
— Bluff, Wis. [**24**-133 D6].
— boards **21**-666b.
— -board trap **22**-434c.
Springbok, Cape Col. [**24**-81 B3].
Springboro, Pa. [**24**-106 A2].
Spring-bow trap **22**-433d.
Spring Brook, N.Dak. [**24**-136 A1].
Springbrook, Pa. [**24**-107 F2].
SPRINGBUCK (Springbok) **21**-264c; **4**-779b; **2**-22d; Pl. fig. 4 **2**-ANTELOPE.
Spring City, Pa. [**24**-107 F3].
— City, Tenn. [**24**-117 G2].
— City, Utah [**24**-152 C3].
— clip fig. 3-a **5**-345.
— Cove, N.Y. [**24**-103 F1].
— Creek, N.C. [**24**-112 C2].
— Creek, Pa. [**24**-106 B2].
— Creek, Tenn. [**24**-117 C2].
— Creek, Tex. [**24**-123 E3].
— Creek, W.Va. [**24**-111 C4].
— Creek, riv., N.Dak. [**24**-136 B2].
Springdale, Ark. [**24**-120 A1].
—, Conn. [**24**-101 B2].
—, Ia. [**24**-138 F3].
—, Ky. [**24**-116 G2].
—, Mont. [**24**-144 C3].
—, Utah [**24**-152 B5].
—, Wash. [**24**-150 H2].
—, W.Va. [**24**-111 C4].
Spring dynamometer **7**-815a.
Springe, Ger. [**24**-38 E1].
Springer, N.Mex. [**24**-148 E2]; **16**-318d.
SPRINGER (arch.) **21**-264c; **2**-231d.
Springerton, Ill. [**24**-129 D5].
Springers (cattle) **5**-51a.
Springer spaniel **20**-570b; Pl. II. fig. 15 **7**-DOG.
Springerville, Ariz. [**24**-149 F4].
Springfield, Ark. [**24**-120 C2].
—, Colo. [**24**-147 H4].
—, Ga. [**24**-114 E4].
—, Ida. [**24**-145 F6].
SPRINGFIELD, Ill. [**24**-128 C4; **24**-95 H3]; **21**-264c; il. **12**-93.
—, Kan. [**24**-142 B4].
—, Ky. [**24**-116 E3].
—, La. [**24**-121 D3].
SPRINGFIELD, Mass. [**24**-98 B1]; **21**-265a; **15**-27c.
—, Me. [**24**-96 D3].
—, Minn. [**24**-135 D7].
SPRINGFIELD, Mo. [**24**-140 D4]; **21**-265d.
—, N.B., Can. [**24**-88 D3].
—, Neb. [**24**-139 H3].
—, N.H. [**24**-97 B3].
SPRINGFIELD, O. [**24**-125 B4]; **21**-266a.
—, Oreg. [**24**-151 C3].
—, Pa. [**24**-107 E2].
—, S.C. [**24**-113 C3].
—, S.Dak. [**24**-137 G4].
—, Tenn. [**24**-117 E1].
SPRINGFIELD, Vt. [**24**-97 B3]; **21**-266b; **20**-804b fol.
—, W.Va. [**24**-111 E2].
"Springfield Mountain" (song) **2**-996a.
Springfield Presbytery (rel. **7**-419a.
Springfield Republican (Mass.) **21**-265b; **3**-977d.
Springfield rifle **20**-804b.
Spring fish **1**-936b.
— Fontein Junction, Or.Fr. St. [**24**-81 D4].
— Fork, Mo. [**24**-140 D3].
Spring Gap, Md. [**24**-108 A1].
— Garden, Calif. [**24**-154 C3].
— Garden, Ill. [**24**-129 D5].
— gardens (Lond.): *see* Vauxhall gardens.
— Glen, N.Y. [**24**-102 F4].
— Green, Wis. [**24**-133 C6].
— Grove, Minn. [**24**-135 G8].
— Grove, Pa. [**24**-107 E4].
— Grove, Va. [**24**-110 H3].
SPRING-GUN (fire-arm) **21**-266b; **22**-433c.
Spring-halt: *see* String-halt.
"Springhead Spinning Co. v. Riley" (1868, Eng.) **12**-359b.
Spring-herring: *see* Alewife.
Spring Hill, Ala. [**24**-118 A5].
Springhill, Fla. [**24**-115 D1].
Spring Hill, Ill. [**24**-128 B2].
— Hill, Ind. [**24**-127 A3].
— Hill, La. [**24**-121 A1].
— Hill, Mass. [**24**-99 D2].
Springhill, Md. [**24**-108 C2].
—, N.C. [**24**-112 H1].
—, N.S., Can. [**24**-88 E3]; **16**-570c.
—, O. [**24**-124 B3].
—, Que., Can. [**24**-89 C3].
Spring Hill College (Ala.) **15**-628c.
— Hope, N.C. [**24**-112 G2].
Springhope, Pa. [**24**-106 C3].
Springhurst, Vict., Austr. [**24**-171 H6].
Spring knife: *see* Pocket knife.
— Lake, Me. [**24**-96 B3].
— Lake, Mich. [**24**-131 E6]; **10**-634c.
— Lake, Minn. [**24**-134 E4].
— Lake, N.Y. [**24**-102 D2].
Springlake, Tex. [**24**-122 C2].
Spring Lake, Wis. [**24**-133 D5].
— Lake Beach, N.J. [**24**-105 B2].
— leaf (metal) **15**-39c.
— Lick, Ky. [**24**-116 D3].
— ligament **13**-131d.
— Mill, O. [**24**-124 C3].
— Mills, Pa. [**24**-107 D3].
— Mills, Va. [**24**-110 F3].
— Mountain, mts., Nev. [**24**-153 E6].
— needle (knitting) **11**-787a.
Spring-pole **3**-903a.
Springport, Ind. [**24**-126 C2].
Spring recuperator **16**-865b.
SPRING-RICE, SIR CECIL A. **21**-266b.
Springs (25), co., N.Z. [**24**-173 D5].
—, Neb. [**24**-139 H4].
—, Trans. [**24**-81 D3].
SPRINGS (water) **21**-266b; **4**-879a; **21**-266d.
Spring sperm oil **23**-556b.
Springsure, Queens., Austr. [**24**-169 C3].
Spring-suspension (mech.) **15**-922a.
SPRINGTAIL (zool.) **21**-266d; *see also* Collembola; Thysanura.
Spring tide **22**-194d.
Springtown, Ark. [**24**-120 A1].
—, N.J. [**24**-105 A2].
—, Tex. [**24**-123 F3].
Springvale, Me. [**24**-96 B5].
—, Minn. [**24**-135 E6].
Spring Valley, Ala. [**24**-118 B1].
— **VALLEY**, Ill. [**24**-128 C2]; **21**-267a.
— Valley, Minn. [**24**-135 F8].
— Valley, N.Y. [**24**-102 F4].
— Valley, Wis. [**24**-132 A5].
— Valley, O. [**24**-125 A4].
— Valley Association **20**-472d.
Springview, Neb. [**24**-139 E2].
Springville, Ala. [**24**-118 C2].
—, Ia. [**24**-138 F2].
— (Laporte co.), Ind. [**24**-126 B1].
— (Lawrence co.), Ind. **24**-127 B4].
—, La. [**24**-121 D3].
—, N.Y. [**24**-102 B3].
—, Pa. [**24**-107 F2].
—, Tenn. [**24**-117 C1].
—, Utah [**24**-152 C2].
Springwater, N.Y. [**24**-102 C3].
Spring wheat (U.S.) **23**-562c.
Springwillow, Wyo. [**24**-146 F1].
Springwood, Va. [**24**-110 E3].
Spring-wood **22**-217a fol.
SPRINKLER **21**-267a.
Sprinklers, automatic **9**-30a; **9**-277a.
Sprinkling filter **20**-402c.
— Tarn, lake, Cumb., Eng. **20**-41c.
Sprinting **19**-665b.
Sproatley, Yorks., Eng. [**24**-14 C2].
Sprocket (of wheel) **3**-545d.
Sprog og Litteraturselskab (society): *see* Danish Association for National Language and Literature.
Sprott, Ala. [**24**-118 B3].
Sprottau, Ger. [**24**-39 L2].
Spruce, Mo. [**24**-140 C3].
—, Pa. [**24**-106 C2].
—, Wash. [**24**-150 A3].
—, mt., Nev. [**24**-153 E2].
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— Creek, Pa. [**24**-106 C3].
Sprucedale, Ont., Can. [**24**-90 C2].
Spruce Head, Me. [**24**-96 C4].
— Knob, mt., W.Va. **23**-546d.
— partridge **10**-918d.
— Pine, Ala. [**24**-118 B1].
— Tree House (Colo.) **5**-810d.
Spruchdichter **10**-221a.
Spruchdichtung (Herger and Der Spervogel) **10**-220b.
Sprudel (spring, Carlsbad) **4**-879a.
Sprudelstein **20**-716a; *see also* Pisolite.
SPRUE (med.) **21**-267d.
Spry, Pa. [**24**-107 E4].
—, Utah [**24**-152 B5].
Spud, Neb. [**24**-139 A2].
Spuma pinguis, Frankincense **9**-688d.
Spumellaria **18**-633c.
Spun glass **10**-309d.
— silk **20**-672a.
Spur, Tex. [**24**-122 D3].
— (anat.) **20**-753d.
— (arch.) **21**-268a.
SPUR (harness) **21**-268a.
— (navig.) **13**-29c.
— dike **13**-29c.
— fire: *see* Flower pots.
SPURGE (bot.) **21**-268b; **8**-815d.
Spur ggar reduction unit **18**-392d.
Spurge-flax **21**-268b.
— laurel **7**-48c; **13**-769d; **21**-268b.
Spurgeon, Caroline **8**-601a.
—, **CHARLES H.** **21**-268b.
—, Ind. [**24**-127 A4].
—, N.C. [**24**-112 D1].
Spurgin, Colo. [**24**-147 G1].
Spurious dissepiment (bot.) **9**-414d.
— talipes valgus: *see* Flat-foot.
— Carvilius **20**-99b.
— Cassius **1**-355b.
— Postumius **18**-322d.
Spur Lake, N.Mex. [**24**-148 A5].
Spurlington, Ky. [**24**-116 E3].
Spurlos versenken **16**-265d.
"Spurn" (light vessel) Pl. II. fig. 5 **14**-LIGHTHOUSES.
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Spurred towhee (zool.) **22**-332a.
Spurrey **4**-957b.
Spurs, battle of the (1513) **3**-239a.
Spur system (hort.) **23**-170b.
— wheel mould fig. 14 **9**-557.
— wheels **18**-390a.
Spurwing (zool.) **8**-36b.
Spur-winged goose **20**-753d.
Spurzheim, Johan C. **15**-206a.
Spuyten Duyvil, N.Y. [**24**-104 D2].
Spy (pseud.): *see* Ward, Leslie.
SPY, commune, Belg. **21**-268c.
— riv., Scot. [**24**-18 E4].
SPY **21**-268c; **12**-458d; **13**-802a; *see also* Espionage.
Spy, The (nov., Cooper) **6**-880b.
Spy I. (skeleton) **7**-96c.
— Lake, N.Y. [**24**-103 F2].
Syndle **14**-161a.
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— acanthias 20-466b.
Squam, lake, N.H. [24-97 C3].
Squamata (zool.) 19-180c; 19-188d.
Squame (zool.) 12-554d.
Squam Head, cape, Mass. [24-99 E2].
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Squamosal bone 20-744d.
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— epithelium 8-662c.
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— (mason's implement) 8-51b.
— (mil.) 2-410a; 21-739c.
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— Butte, Mont. [24-144 D2].
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— capital (writ.) 17-99b.
— dance 7-17c.
— -head (bolt) 3-827c.
— (reef) knot fig. C 13-445; *see also* Reef knot.
— number (math.) 19-544b; 9-230c.
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— script (writ.) 11-354b.
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— Brook, Me. [24-96 C3].
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— -vine; *see* Partridge berry.
— Wash, riv, Ariz. [24-149 A3].
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— (bell) 3-373b; *see also* Tintinna bulum.
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—, gulf, It. [24-35 F5].
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— (med.) 9-8b; cause of 23-211c.
SQUIRE, JOHN C. 21-271b.
— (rank) 13-432a.
Squire of Alsatia (play, Shadwell) 20-425d.
Squire of Blankney (nick.): *see* Chaplin, Henry C., 1st viscount.
Squires, Sir Richard 16-295c.
—, Mo. [24-140 E5].
—, S.C. [24-113 E2].
Squire Trelooby (Molière) 6-255d.
Squirrel, lake, Wis. [24-132 D4].
SQUIRREL 21-271c; Pl. II. fig. 8 9-FUR; Pl. fig. 4 1-ALBINO; *see also* Ground-squirrel.
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— -corn 7-330c.
— -cup (bot.): *see* Hepatica.
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— **MONKEY** 21-271c.
— **-TAIL GRASS** 21-271d.
Squirridae (zool.) 21-271c.
Squirting cucumber 6-845d; 8-125a.
S.R. (abbrev.) 1-26b.
Sr. (abbrev.) 1-26b.
— (chem.): *see* Strontium.
— (Brit. Ry.): *see* Southern Ry.
S.R.A. colours (dyes) 7-805d.
Sraddha (Hindu rite) 11-580b.
Srakheo, Siam [24-71 B3].
Srámek, Fráňa 6-966c.
Sraosha (Rel.) 23-988c.
Srauta-sûtra (treatise) 19-958b.
Sravana Belgola, India 12-217d.
Srbobran, Yugos. [24-52 D2].
Srebrenica, Yugos. [24-52 D2].
Sredetz, Bulg.: *see* Sofia.
Sredna Gora, mts., Bulg. [24-53 C4]; 4-357c.
Sredne Kolymsk (Sib.) U.S. S.R. [24-57 O2].
Srem, Pol. [24-40 C2].
Srepok, Fr. I.C. [24-71 C3].
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Sri Chand (Hindu leader) 20-647b.
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Sub lingua (anat.) **22**-281d.
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Sublobular vein (anat.) **14**-229c.
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— forests (Eng.) **16**-490a.
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— oscillator **9**-111d.
— photography **17**-833c.
— sentry (mech.) **21**-37b.
— **SIGNALS**: *see* Fathometer.
— volcanoes **23**-240d.
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Submission of Clergy, Act of (Eng. eccl. law) **7**-891d.
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Submycenaean pottery **18**-340d.
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Sub-occipital (muscles) **15**-987a.
— nerve **16**-235c.
Sub-ordinaries (her.) **11**-462d.
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Subscapular nerves **16**-236c.
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Subsequent condition (law) **6**-221b.
Subset (math.) **6**-95d.
Subsidence (coal mining) **5**-885c.
Subsidiary books (bookkeeping) **3**-864c.
— company **12**-425c.
Subsidy (govt. aid) **18**-308b.
Subsistent (philos.) **13**-464d.
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— (theol.) **8**-797a.
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— law **1**-167c.
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— method (phys.) **17**-841c.
— theory (chem.) **5**-364b.
— therapy (med.) **17**-691a.
Substrate (chem.) **8**-630d.
Substratum theory **13**-702c.
Sub-surface floats (engin.) **11**-973d.
Subsurface packer (agri. implement): *see* Land presser.
Subtemporal decompression (surg.) **4**-20d.
Subtense (surveying) **21**-613d fol.
Subterranean Basilica (Rome) **19**-472b.
Subterranean clover (bot.) **5**-855c.
Subtiaba (tribe) **5**-129b.
—, Nic.: *see* León.
Sub-tonic (mus.): *see* Leading note.
Subtraction (math.) **2**-357a fol.; **6**-181d; **16**-597c.
Subtractive process (phot.) **15**-869c; **17**-817b.
Sub-treasury (U.S.): *see* Independent Treasury System.
— -treasury law (1840, U.S.) **22**-802a fol.
Sub-tropical belts (meteorol.) **5**-820d.
Subtsov, U.S.S.R. [**24**-48 D3].
Subungulata (zool.) **22**-701c.
Subvertebral lymph sinus (anat.) **14**-524d.
SUBWAY **21**-502a; Pl. I. **22**-TUBE RAILWAYS.
— (engin.) **22**-560b.
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—, cr., Ala. [**24**-118 A3].
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Succentor (mus.): *see* Cantor.
Success, Ark. [**24**-120 E1].
—, Kan. [**24**-142 D3].
—, Mo. [**24**-141 E4].
SUCCESSION: *see* Law of Succession; *see also* **12**-235d; **20**-380d; **19**-453b; **20**-177d.
— (philos.) **12**-271d.
—, Act of (1701, Eng.) **8**-470b.
SUCCESSION DUTY **21**-502b.
— Act (Eng., 1853) **8**-729c.
— to the Crown Act (1707, Eng.) **22**-438b.
Successions (bot.) **18**-17d.
Successive induction (physiol.) **21**-225b.
Successors, Wars of the: *see* Diadochi, Wars of.
SUCCESSOR STATE (pol.) **21**-502b.
Succinein (chem.) **5**-386b.
SUCCINIC ACID (chem.) **21**-502c; **9**-177a; **21**-824b.
Succinite (amber) **1**-738d.
— (garnet) **10**-20b.
Succinonitrile (chem.) **1**-815b.
Succoth, Egy. **17**-972c.
Succōth (feast) **17**-494c.
Succubae (demons) **12**-146c.
Succus entericus (physiol.): *see* Intestinal juice.
Sucé, Fr. [**24**-24 D4].
SUCEAVA (Suczawa), Rum. [**24**-53 D2]; **4**-354d; **21**-502d.
Sucha, Pol. [**24**-40 D4].
Suchan, riv., C.As.: *see* Ghund.
SUCHET, LOUIS GABRIEL **21**-503a.
—, mt., Switz. [**24**-30 A3]; **13**-192c.
Su Chou pottery **18**-364b.
— **CHOW**, Kan-Su, China [**24**-68 F4]; **21**-503b.
— -chow, Kiang Su, China [**24**-70 C3].
— -chow-fu, China: *see* Suifu.
Süchteln, Ger. [**24**-38 B2].
Sucio, riv., S.Am. **2**-653b.
Suck, riv., Ire. [**24**-20 C3].
Sucker (bot.) **21**-380d.
— (fish) **9**-315d.
SUCKING-FISH: *see* Remora.
—lice (insect) **14**-436c.
SUCKLING, SIR JOHN **21**-503b; **6**-689b.
—, cape, Alsk. [**24**-156 M6].
— (house, Norwich, Eng.) **16**-562d.
Sucksmith, W. **14**-663b.
SUCRE, ANTONIO JOSE DE **21**-503d.
SUCRE, Bol. [**24**-162 D7]; **21**-504a; university **22**-872d.
—, state, Venez. [**24**-162 E1].
SUCROSE: *see* Sugar: *Manufacturing and Refining*.
Suction (mech.) **18**-94c.
— dredger **7**-642d fol.; **11**-173c.
— pipe (plumbing) **18**-85a.
— pressure (phys.) **18**-20b fol.
— producer (furnace) **10**-49b.
— pump **18**-84d.
— stroke (mech.) **7**-348b; **12**-497d; **15**-901d.
— Unloader (mech.) Pl. fig. 4 **10**-GRAIN PRODUCTION AND TRADE.
Suctoria (biol.) **18**-635a.
Suczawa, Rum.: *see* Suceava.
Sud, riv., Que., Can. [**24**-89 C2].
Suda, mts., N.Af. **9**-210d.
—, riv., U.S.S.R. [**24**-48 E3].
Sudair El Arid, region, Arab. [**24**-62 D2].
Sudak, U.S.S.R. [**24**-49 C6].
Sudalaiyādi (myth.): *see* Siva.
SUDAN, dist., Af. [**24**-76 C4]; **21**-504b; Anti-Slavery Society **2**-80a; Arabs **2**-198d; British campaigns **8**-101d fol.; camel corps **4**-657b; **6**-531a fol.; defence **8**-63a; French expedition **8**-94c; hunting **3**-554b; irrigation **12**-689d; **16**-584a; salt **19**-900a: *see also* Ethiopia.
—, Anglo-Egyptian, Af. [**24**-79 A5]; **21**-504d; population **1**-305d.
—, **CAMPAIGNS IN**: *see* Egypt and Sudan, Campaigns in, 1882-1899.
—, **FRENCH**, colony, Af. [**24**-80 C3]; **21**-513b.
—, Tex. [**24**-122 C2].
— -Abyssinian frontier treaty (1902) **1**-77d.
— camel: *see* Tebu camel.
— ebony (tree): *see* Babanu.
Sudanese (tribe) **19**-87d; mutiny (1897) **22**-666a.
Sudan Experimental Plantations Syndicate, Ltd.: *see* Sudan Plantations Syndicate, Ltd.
— grass **20**-278d.
SUDANIC LANGUAGES **21**-514a.
SUDAN PLANTATIONS SYNdicate, Ltd. **21**-514a.
— War (1884) **2**-945b.
Sudario (chapel, Turin) **22**-587d.
SUDATORIUM (arch.) **21**-514b.
Sudburian series (geol.) **22**-723d.
SUDBURY, SIMON OF **21**-514c.
—, Derby., Eng. [**24**-14 B3]; **21**-521a.
—, Mass. [**24**-99 C1].
SUDBURY, Ont., Can. [**24**-90 B1]; **21**-514c; **4**-700a; **15**-691b; **16**-794b.
SUDBURY, Suff., Eng. [**24**-15 D3]; **21**-514c.
—, Vt. [**24**-97 A3].
—, Wash. [**24**-150 G4].
Sudd, region, Af. [**24**-184 G5].
SUDD **21**-514d; **16**-457a.
Sudden death (hockey) **12**-41b.
— -sawlog poplar: *see* Norway poplar.
Sudeley, Seymour of, Thomas Seymour, baron: *see* Seymour of Sudeley.
Sudenburg, Ger. [**24**-38 D1].
SUDERMANN, HERMANN **21**-514d.
Süderö, isl., Faeroe Is. **9**-32c.
Suderode, Ger. [**24**-39 G2].
Sudetes, mts., Czech. [**24**-50 D1].
SUDFELD, MAX SIMON: *see* Nordau Max Simon.
Sudfolc, co., Eng.: *see* Suffolk.
Sudharam, India: *see* Noakhali.
Sudharion, India [**24**-66 C2].
Sudidae (zool.) **9**-314d.
Sudislav, U.S.S.R. [**24**-48 F3].
Sudlersville, Md. [**24**-109 D1].
Sudomeritz, Czech. [**24**-39 K4].
Sudoriparous glands (anat.) **20**-752c fol.
Sudra (caste) **2**-977b; **4**-977b fol.
Sudreys, isls., Scot. **14**-768c: *see also* Hebrides.
Sudrland, Scot.: *see* Sutherlandshire.
Sudsha, U.S.S.R. [**24**-49 E4].
Sudwelle, Notts., Eng.: *see* Southwell.
SUE, EUGENE (Joseph Marie) **21**-515a.
SUEBI (SUEVI) (people) **21**-515b.
SUECA, Sp. [**24**-33 F3]; **21**-515c.
Suedberg, Pa. [**24**-107 E3].
SUEDE FINISH **21**-515c.
Sueh, riv., Af.: *see* Jur.
Sueimeh, Trans-Jordan [**24**-60 D4].
Sueno's stone (monolith) **9**-519b.
Suertes (bull fighting) **4**-372c.
Suess, Eduard **6**-332b; **15**-208d.
Suessa Aurunca, anc. It.: *see* Sessa Aurunca.
Suessiona: *see* Soissons, Fr.
SUESSULA, It. **21**-515c.
Suet **9**-117b; **17**-364a; **18**-752d.
Suete, dist., Syr.: *see* Bashan.
SUETONIUS TRANQUILlus, Gaius **21**-515c; **13**-752d; **20**-99a.
SUEVI (people): *see* Suebi.
Suevia, anc. duchy, Ger.: *see* Swabia.
SUEZ, Egy. [**24**-79 C1]; **21**-516a.
—, gulf, Egy. [**24**-79 C2; **24**-180 B6].
—, isth., Egy. [**24**-184 G2].
SUEZ CANAL, Egy. [**24**-79 C1; **24**-184 G2]; map **11**-180 (a); **21**-516b; Pl. VII. fig. 1 **1**-AFRICA; draught **7**-467d fol.; Disraeli **3**-250a; enlargement **4**-726c; shipping **20**-561d fol; **20**-511a; tonnage regulations **20**-556b; World War **8**-62c; **17**-137c.
—, **COMPAGNIE UNIVERselle du Canal Maritime de** **21**-516a.
Suf, Trans-Jordan [**24**-60 D3].
—, oasis, Alg. **8**-381a.
—, Wady, riv., Alg. [**24**-78 F2].
— (bot.) **1**-73a.
Sufeineh, Arab. [**24**-62 C3].
Sufetula, Tun.: *see* Sbeitla.
Suffectus (offi.) **6**-323d.
Suffering, problem of (philos.) **22**-52d.
Suffern, Ill. [**24**-128 D4].
—, N.Y. [**24**-102 F4].
Suffete (Carthaginian) **4**-946c.
Sufficient reason (philos.) **22**-48a; **22**-157c.
Suffield, Conn. [**24**-101 C1].
—, O. [**24**-124 D2].
SUFFIONI (volcanic vents): *see* Soffioni.
Suffix (chem.) **5**-378d.
— (gram.) **10**-613c.
— number (phys.) **21**-191d.
Sufflenheim, Fr. [**24**-25 N3].
Suffocating damp (chem.): *see* Carbon dioxide.
SUFFOLK, EARLS AND Dukes of **21**-519b; *see also* Pembroke, earls of; Pole (Eng. fam.).
—, **CHARLES BRANDON**, 1st duke of **21**-519c.
—, **CHARLES HOWARD**, 9th earl of **21**-519d.
—, Edmund de la Pole, earl of **18**-156d.
—, Henry B. H., 11th earl of **11**-795d.
—, Howard de Walden, 2nd earl of **20**-489c.
—, John de la Pole, earl of **14**-444d.
—, John Pole, duke of **18**-155a.
—, Michael de la Pole, 1st earl of: *see* Pole.
—, Michael de la Pole, 2nd earl of **18**-155a.
—, Michael de la Pole, 3rd earl of **18**-155a.
—, Robert de Ufford, 1st earl of **21**-519b.
—, **THOMAS HOWARD**, 1st earl of **21**-520a.
—, **WILLIAM DE LA POLE**, duke of **21**-520a.
SUFFOLK, co., Eng. [**24**-15 D, E3]; **21**-520c; **10**-728b.
—, co., Mass. [**24**-99 C1].
—, co., N.Y. [**24**-102 G5].
—, East, dist., Suff., Eng. [**24**-14 E3].
—, Mont. [**24**-144 D2].
SUFFOLK, Va. [**24**-110 G4]; **21**-521d.
—, West, dist., Suff., Eng. [**24**-14 D3].
— (horse) **11**-755d.
— (sheep) **20**-476a.
— Red Poll (cattle) **5**-48b.
— Resolves (1774, Mass.) **15**-515a.
SUFFRAGAN (bp.) **21**-522a; **3**-657d.
SUFFRAGE **21**-522a; **7**-183d; **19**-165c; **21**-100c.
Suffragettes: *see* Women's suffrage.
SUFFREN SAINT TROPEZ, Pierre A. de **21**-522a.
SUFIISM (rel.) **21**-522c.
Sufir, well, A.E.-Sud. [**24**-79 C3].
Sufli, Gr. [**24**-55 E2].
Sugana, val., It. [**24**-34 C1]; **9**-820c fol; *see also* Brenta.
Sugar, O. [**24**-124 D3].
—, cr., O. [**24**-124 D3].
—, cr., Ind. [**24**-126 A3].
—, cr., Mo. [**24**-140 C5].
—, isl., Mich. [**24**-130 G3].
—, riv., N.H. **5**-757a.
—, riv., Wis. [**24**-133 D7].
SUGAR **21**-523d; **9**-465a; agavose **1**-343b; alcohol **1**-543a fol.; Argentina **2**-324c; Australia **2**-730c; blood **17**-889c; boiling **6**-226c; brewing **4**-101c fol.; calories **7**-357b; carbohydrates **4**-881a fol.; catalysis **5**-20d; Nic. **5**-550b; cookery **6**-372b; **21**-530c; crystall. **6**-817d; Cuba **6**-836a; diabetes **15**-307b; Dutch East Indies **7**-872b; dye **1**-190b; Egypt **8**-66c fol.; England **18**-474b; food preservation **9**-459b; Hawaii **11**-267c; Mexico **15**-385b; mutarotations **12**-725c; natural glucosides **10**-444a; Philippines **17**-728a; Porto Rico **18**-262b; **22**-494c; refining **21**-527b; Santo Domingo **19**-981a; soil **2**-906c; starch **21**-330b; substitutes **1**-191c; taxation **21**-530b; United States **1**-416b; World War **1**-656a; **23**-335c.
— Act (Eng., 1764) **3**-936d; **22**-780d.
— **APPLE**: *see* Sweet-Sap.
— **BEET**: *see* Beet.
— Bairam (festival): *see* Küchük Bairām.
— -berry: *see* Hackberry; June-berry.
— -**BIRD** **21**-530d.
— Bush, Wis. [**24**-133 E5].
— -bush **21**-548a.
— Camp, Pa. [**24**-106 D2].
— -cane (plant) **10**-653a; Pl. III. fig. 1 **4**-BRAZIL.
— -cane borer beetle **7**-415a.
— -cane leaf-hopper (insect) **7**-916a.
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— Lake, Wis. [**24**-132 D4].
Summerland, B.C., Can. **13**-483a.
—, Calif. [**24**-155 D5].
Summers, Sir Gerald **20**-968a.
—, co., W.Va. [**24**-111 C4].
—, Ark. [**24**-120 A2].
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— Shade, Ky. [**24**-116 E4].
Summerside, P.E.I., Can. [**24**-88 F2].
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— snowflake **1**-728d.
— spores **9**-926a: *see also* Uredospore.
— squash **18**-766a.
Summersville, Ky. [**24**-116 E3].
—, W.Va. [**24**-111 C3].
Summer tanager **21**-779c.
— -teal: *see* Garganey.
— **TIME**: *see* Daylight Saving.
Summerton, S.C. [**24**-113 D3].
Summertown, Tenn. [**24**-117 D2].
Summerville, Ga. [**24**-114 A2].
—, Pa. [**24**-106 B2].
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—, co., O. [**24**-124 D2].
—, co., Utah [**24**-152 C2].
—, Ala. [**24**-118 C1].
—, Ark. [**24**-120 C1].
—, Calif. [**24**-155 E5].
—, Fla. [**24**-115 G2].
SUMMIT, Ill. [**24**-128 E2]; **21**-558b.
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—, La. [**24**-121 A1].
—, Mass. [**24**-98 C1].
—, Me. (Franklin co.) [**24**-96 B4].
—, Me. (Penobscot co.) [**24**-96 D3].
—, Miss. [**24**-119 B4].
—, N.B., Can. [**24**-88 B2].
—, Neb. [**24**-153 D3].
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—, N.Y. [**24**-103 F3].
—, O. (Hocking co.) [**24**-125 C4].
—, O. (Logan co.) [**24**-124 B3].
—, Oreg. [**24**-151 B3].
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—, Pa. (Sullivan co.) [**24**-107 E2].
—, Que., Can. [**24**-89 B2].
—, R.I. [**24**-100 B3].
—, S.Dak. [**24**-137 G1].
—, Tenn. [**24**-117 F2].
—, Tex. [**24**-122 D3].
—, Vt. (Essex co.) [**24**-97 C2].
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—, Wis. (Chippewa co.) [**24**-132 B5].
—, Wis. (Monroe co.) [**24**-133 C6].
—, lake, B.C., Can. [**24**-92 E3].
—, lake, Nev. [**24**-153 A1].
— Bridge, Del. [**24**-109 D1].
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— Point, Utah [**24**-152 E4].
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— for directions **18**-400d.
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— genus **5**-777d.
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—, **EDWIN VOSE 21**-559a; **2**-63b; **9**-727d.
—, **WILLIAM GRAHAM** (econ.) **21**-559b.
—, co., Kan. [**24**-142 E4].
—, co., Tenn. [**24**-117 E1].
—, Ga. [**24**-114 C5].
—, Ia. [**24**-138 E2].
—, Ill. [**24**-129 E5].
—, Me. [**24**-96 B4].
—, Mich. [**24**-131 G6].
—, Miss. [**24**-119 B2].
—, Mo. [**24**-140 D2].
—, Neb. [**24**-139 E4].
—, O. [**24**-125 D4].
—, Wash. [**24**-150 C3].
Sumnerville, Pa. [**24**-106 A2].
Sumo (dialect) **5**-129d.
— (wrestling) **23**-806a.
Sumoto, Jap. [**24**-74 J6].
Sumpi, Fr. Sud. [**24**-80 D2].
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—, Oreg. [**24**-151 G3].
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—, co., Ala. [**24**-118 A3].
—, co., Fla. [**24**-115 F3].
—, co., Ga. [**24**-114 B4]; **1**-805b.
—, co., S.C. [**24**-113 D3].
—, Ga. [**24**-114 B5].
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—, ft., Charleston (1861) **1**-753b; **5**-294c; **6**-228d; **22**-807c.
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—, La. [**24**-121 E3].
—, Miss. [**24**-119 C3].
—, U.S.S.R. [**24**-48 J4].
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—, cycle of the (chron.): *see* Solar cycle.
Sun and Lion, Order of the (Pers.) **15**-446d.
— -and-planet **21**-353c.
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—, lake, N.H. [**24**-97 B3].
Sun arc (motion pictures) **15**-868b.
Sunart, lake, Scot. [**24**-18 B5]; **2**-338d.
Sun Artists **17**-833b.
Sun-Babies (Sorabji) **20**-1006c.
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— -bonnet **11**-293a.
Sunbrand **10**-414c.
Sunbright, Tenn. [**24**-117 G1].
Sunburg, Minn. [**24**-135 C6].
Sunburn lotions **6**-486d.
Sunburst, Mont. [**24**-144 C1].
—, N.C. [**24**-112 C2].
— (flag) **9**-347d.
Sunbury, Charles Montague, viscount: *see* Halifax, Charles Montague, earl of.
—, George Montague, viscount (Eng.): *see* Halifax, George Montague, earl of.
—, co., N.B., Can. [**24**-88 C3].
—, Ia. [**24**-138 G3].
—, Ill. [**24**-128 D2].
—, Me.: *see* Bangor, Me.
—, N.C. [**24**-112 J1].
—, O. [**24**-124 C3].
SUNBURY, Pa. [**24**-107 E3]; **21**-564c.
—, Vict., Austr. [**24**-171 G6].
— **-ON-THAMES**, Mdx., Eng. **21**-564c.
Sün-chow, China [**24**-70 A5].
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— City, Kan. [**24**-142 D4].
Suncook, N.H. [**24**-97 C3].
—, riv., N.H. [**24**-97 C3].
SUN COPYING (phot.) **21**-564d.
SUN CURE: *see* Heliotherapy.
Sunda **2**-782b.
—, str. Mal. Arch. [**24**-72 C5]; **12**-974a; **21**-564d.
— **ISLANDS**, Mal. Arch. **15**-564d.
Sundals, fjord, Nor. [**24**-42 D5].
Sundance, Wyo. [**24**-146 H1].
Sundanese (people) **12**-976d.
Sundang (sword) **14**-717a.
SUNDARBANS (**SUNDERbunds**), dist., India [**24**-66 B2; **24**-181 G6]; **21**-565a; **3**-405a.
—, delta, India **3**-553d.
Sundargarh, India [**24**-67 D2].
Sunday, isls., W.Aus., Austr. [**24**-168 C2].
—, isl., Pac.O.: *see* Raoul.
—, riv., S.Af. [**24**-81 C4].
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Sunday Dispatch (Lond.) **16**-342c.
— *Express* (Lond.) **16**-342c.
— *Graphic* (Lond.) **16**-342c. see also *Daily Sketch* and *Sunday Graphic* Ltd.
SUNDAY LETTERS: *see* Dominical Letters.
Sunday News (Lond.) **16**-342c
Sunday Observance Acts (Eng.): (1625) **10**-11b; (1677) **21**-565c; (1781) **21**-565d; **22**-42c.
Sunday Pictorial (Lond.) **16**-342c fol.
Sundays, riv., Natal **22**-537d.
SUNDAY SCHOOLS 21-566a; **3**-344b; books **5**-475c; Friends' **9**-852b; Haldane **20**-174d; U.S. **20**-93b.
Sunday Times (Lond.) **16**-342c.
"Sunday Under Three Heads" (Dickens) **7**-331d.
Sundby, Den. [**24**-46 D4].
Sundedu, Fr.Guin. [**24**-80 C4].
SUNDERBUNDS, dist., India: *see* Sundarbans.
SUNDERLAND, CHARLES Spencer, 3rd earl of **21**-566a; **20**-94c.
—, Dorothy S., countess of **21**-566b.
—, Emmanuel Scrope, earl of **20**-196d.
—, Henry Spencer, 1st earl **21**-566b.
—, LeRoy **15**-360c.
SUNDERLAND, ROBERT Spencer, 2nd earl **21**-566b; **19**-521b.
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—, Mass. [**24**-98 B1].
—, Md. [**24**-109 C2].
—, Ont., Can. [**24**-90 C2].
—, North, Northumb., Eng. [**24**-12 C2].
—, Vt. [**24**-97 A3].
Sundern, Ger. [**24**-38 D2].
Sundernnville, Pa. [**24**-107 D2].
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Sundown, Minn. [**24**-135 C7].
—, N.Y. [**24**-103 F4].
Sundri (bot.) **21**-565a.
Sundridge, John Campbell, baron: *see* Argyll, J. Campbell, 5th duke of.
—, Ont., Can. [**24**-90 C2].
Sundstrup, Den. [**24**-46 B2].
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Sundt, Eilert **16**-560c.
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Sunflower, co., Miss. [**24**-119 B2].
—, Ala. [**24**-118 B4].
—, Miss. [**24**-119 B2].
—, riv., Miss. [**24**-119 B2].
SUNFLOWER 21-567c; il. **6**-183; oil **16**-751a; silage **8**-618b.
Sun Foo **5**-545d.
Sung (gen., 3rd cent. A.D.) **12**-918c.
— (19th cent.) **5**-590b.
— (weight) **15**-142a.
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Sungameswaram, India **13**-522d.
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Sungai Kedah, riv., Mal. Penin. **14**-722c.
— Lembing, Mal.Penin. **14**-713d.
— Muda, riv., Mal.Penin. **14**-722c.
— Patani, Mal.Penin. **14**-722d.
— Selan, riv., Banka **3**-36b.
— Tungkal, riv., Sum. **12**-875b.
— Ujong, Mal.Penin. **14**-719d.
Sungari, riv., Manchuria [**24**-69 M2]; **1**-854d; **11**-168d.
Sungi, pt., P.I. [**24**-73 C3].
Sungian, isl., Mal.Arch.: *see* Dwars-in-den-Weg.
Sung-Kiang, China [**24**-70 D3].
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Sun-ho, riv., China [**24**-68 G7].
Sun-ho-dan, isl., Kor. **13**-485d.
Sunila, J. E. **9**-255b.
Sunis **2**-22b.
SUNIUM, cape, Gr. [**24**-55 D4]; **21**-567d; map **2**-659.
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— light-vessel **14**-98b.
— net **20**-287a.
Sun Kosi, riv., India **16**-221b.
Sunkost, riv., Nepal [**24**-66 B1].
Sunlight, Mo. [**24**-141 G4].
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Sunne, Swed. [**24**-45 E2].
Sunnin, mts., Syr. **13**-852c.
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Sunny Brook, S.C. [**24**-113 C3].
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Sunny Hill, La. [**24**-121 D3].
Sunnyside, Ariz. [**24**-149 E7].
—, Ark. [**24**-120 D4].
—, Ida. [**24**-145 B6].
—, Nev. [**24**-153 E4].
—, Utah [**24**-152 D3].
Sunny Side, Va. [**24**-110 F3].
Sunnyside, Wash. [**24**-150 E4].
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Sun Prairie, Mont. [**24**-144 E2].
—, Wis. [**24**-133 D6].
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—, Minn. [**24**-135 F6].
—, Wyo. [**24**-146 H3].
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—, Ariz. [**24**-149 E6].
—, Ark. [**24**-120 A2].
—, Ga. [**24**-114 C5].
—, La. [**24**-121 B3].
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—, Tex. [**24**-123 F3].
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Süntel Gebirge, mts., Ger. [**24**-38 E1].
Suntex, Oreg. [**24**-151 F4].
Sun-valve **14**-96d.
— Wen (pres.): *see* Sun Yat-Sen.
— Wu (au.) **5**-572d.
Sunyanio, Go.Cst. [**24**-80 D4].
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— Yat-Sen, Mrs. **5**-545d.
Sūnyavāda (system) **14**-675d.
Suo, Jap. [**24**-75 B11].
Suok, Mong. [**24**-68 D2].
—, plat., Mong. **1**-704c.
Suo-Kan, China [**24**-70 B3]
Suolahti, Fin. [**24**-48 C2].
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TACHOMETER **21**-734c.
Tachos (Egy. k.) **8**-76c.
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Tachtiger, De **7**-775c.
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—, Chil. [**24**-162 C7]; battle **5**-500b.
—, riv., Chile **21**-737a.
—-**ARICA QUESTION** **21**-737a.
— Libre, dept., Peru **17**-629d.
Tacoignières, Fr. [**24**-24 G3].
Tacoma, Colo. [**24**-147 C4].
—, O. [**24**-125 D4].
TACOMA, Wash. [**24**-150 C3]; **21**-738c; **23**-391b; **23**-390b; **23**-390c.
— Park, S.Dak. [**24**-137 F1].
—, mt., Wash.: *see* Rainier.
—, peak, Wash.: *see* Rainier.
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Taconic, Conn. [**24**-101 B1].
—, mts., Vt. [**24**-97 A3]; **23**-83b.
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Tacony, Colo [**24**-147 F3].
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Tacora, mt., Chil. [**24**-162 D7]; **1**-902b.
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— (mil.) Gr. treatise **1**-220d.
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Tacuma, isl., Ec. **7**-936d.
Tacunga, Ec.: *see* Latacunga.
Tacungas (lang.) **7**-942d.
Tadarida **5**-600d.
Tadbhava (philol.) **2**-553c.
Tadcaster, Henry O'B. **22**-148b.
Tadcaster, Yorks., Eng. [**24**-14 B2]; **14**-975b.
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Tademekket, Fr. Sud. [**24**-80 D2].
Tadent, Wady, riv., Af. [**24**-78 F4].
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Tadmarton, Eng. [**24**-15 B3].
Tadmor, Syr.: *see* Palmyra.
—, oasis, Syr. **21**-715d.
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Taenioinei **21**-804a.
Taeniothrips pyri Daniel: *see* Pear thrips.
Taeniotica, charta **17**-247d.
Taenite (min.) **15**-341d.
Taensa (tribe) **16**-26a.
Taeog (workman) **20**-359d.
Taeog trev **23**-151c.
Tafahi, isl., Pac. O. **17**-12d.
Tafari (Aby. Ras) **1**-79a.
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Tafassaset, Wady, riv., Af. [**24**-78 F4].
Tafel, Immanuel **16**-313d.
— J. work in amines **1**-814d.
Tafelberg (geol.): *see* Table Mountain.
Tafelfichte, mt., Czech. [**24**-39 L3].
Tafelhuk, isth., Mal.Arch. **2**-976d.
Tafers, Switz. [**24**-30 C3].
Tafessash, Fr.W.Af. [**24**-78 F4].
Taff, Ala. [**24**-118 D1].
Taff, riv., Wales [**24**-11 C5]; **4**-851b; **4**-852d.
TAFFETA (fabric) **21**-751b. "Taff Vale case" **22**-375b.
— Vale Railway Co. **22**-375b.
Tafila, Trans-Jordan [**24**-60 D6].
TAFILALT (TAFILET), oasis, Mor. **21**-751c; [**24**-78 C2].
Tafilelt (people) **19**-816d.
Tafna (treaty) **4**-345d.
Tafsir (Pers. book) **17**-608a.
Taft, Alphonse **21**-751d.
—, **LORADO** **21**-751c.
—, **WILLIAM HOWARD** (U. S. pres.) **21**-751d; portrait Pl VIII. fig. 27 **22**-UNITED STATES; elected **22**-829d; criminal law (U.S.) **1**-780c; Panama **17**-170c; gov. of P. I. **22**-827d; **17**-730a fol.; public utilities **18**-747a.
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—, Fla. [**24**-115 G3].
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—, N.Mex. [**24**-148 E4].
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—, Pers. [**24**-63 C2].
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Taftsville, Vt. [**24**-97 B3].
Taftville, Conn. [**24**-101 D1].
Tafua, Savaii I., Samoan Is. [**24**-176 B1].
—, mt., Upolu I., Samoa [**24**-176 C1].
Tafur, Pedro **21**-155d.
Tag, Ark. [**24**-120 B2].
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Tagali, A.E. Sud. [**24**-79 C5].
TAGALOG (P. I. tribe) **21**-753c; **11**-294a; **3**-198b.
Taganai, mt., U.S.S.R. [**24**-48 J3].
Taganet, dist., Fr. W. Af. [**24**-80 B and C2].
TAGANROG, U.S.S.R. [**24**-49 E5]; **21**-753c; **17**-643d.
Taganrog, gulf, U.S.S.R. [**24**-49 E5].
Tagant, mt., Fr. W. Af. **15**-107c.
Tagao, riv., Afg. **13**-236a.
Tagapula, isl., P.I. [**24**-73 B3].
Tagarro, Manoel **18**-293d.
Tagaste, Af. **2**-681d.
Taga Zong, Bhutan [**24**-66 B1].
Tagbilaran, P.I. [**24**-73 B4].
"Tagelied" (song) **2**-665d.
Tagenurt, Fr. W. Af. [**24**-78 D4].
TAGES (deity) **21**-753d.
Tagetes erecta: *see* African marigold.
— lucida **14**-889a.
— patula (plant): *see* French marigold.
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— tenuifolia **14**-889a.
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Tagharat, pass, Mor. **2**-638d.
Tagharma, mt., Asia [**24**-180 F5].
Taghdumbash, India [**24**-65 D1]; **17**-165b; **16**-1000b.
Taghlib (tribe) **15**-626c.
Taghrai Tangi, pass, India **22**-265c.
Tagier, U.S.S.R. **6**-973b.
Tagil, (Sib.) U.S.S.R.: *see* Nizhne-Tagilsk.
Tagil, riv., U.S.S.R. [**24**-48 K3].
Tagilmus (cloth): *see* Litham.
TAGINAE, BATTLE OF **21**-753d.
Tagino (Ger. chron.) **6**-798c.
TAGLIACOZZO, It. **21**-754b; battle **21**-744b fol.; **5**-69a; **17**-955c; **19**-517a.
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Taglioni (food) **14**-544d.
Tagmata **6**-801d.
Tago, riv., Sp. and Port.: *see* Tagus.
— (tribe): *see* Dago.
Tagoloan, P.I. [**24**-73 B4].
Tagore Gogonendronath **12**-218d.
—, **SIR RABINDRANATH** **21**-754b; **9**-499a; **3**-408d; **12**-239a fol.
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Tagrart, Sultanate of: *see* Tlemsen.
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Taguin, Alg. [**24**-78 E2].
Tagula, isl., Pac. O. **17**-7c.
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Tagun, B.C., Can. [**24**-92 B2].
Tag- und Jahreshefte (Goethe) **10**-473b.
Tāgūs (Indian) **4**-980c.
Tagus, N.Dak. [**24**-136 C1].
TAGUS (Tago), riv., Sp. and Port. [**24**-32 C3; **24**-178 D8]; **21**-754c; **3**-332a; **21**-111c; irrigation **12**-691c.
—, F. riv., Rom. Emp. map **19**-500 (A4).
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Tahakopa, N.Z. [**24**-173 B7].
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Tahannuth (rel.) **15**-646d.
Tahara, Jap. [**24**-75 K6].
Taha Shima, isl., Jap. [**24**-74 G6].
Tahawus, N.Y. [**24**-103 F2].
—, mt., N.Y. *see* Marcy.
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—, Little, penin., Tahiti: *see* Taiarapu.
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—, Shan-si, China [**24**-70 B2].
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Taiami (Jap. craftsman) **13**-577c.
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Taiarapu (Little Tahiti), penin., Tahiti [**24**-176 B2]; **17**-14b.
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Taibilla, mts., Sp. [**24**-33 E3].
Tai Chin (Chin. paint.) **5**-578d.
Tai-chow, China [**24**-70 D4].
—, bay, China [**24**-70 D4].
—, isl., China [**24**-70 D4].
Taichu (Taiwan), For. [**24**-75 B11]; **9**-515c.
Tai-chung, Kor. **18**-846d.
Taieri, co., N.Z. [**24**-173 B6].
—, riv., N.Z. [**24**-173 C6].
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Taiga (Sib. region) **20**-599c; **2**-513b; **19**-689b.
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—, Kiang-si, China [**24**-70 B4].
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Tai-hu, An-hwei, China [**24**-70 C3].
—, Che-kiang, China [**24**-70 D3].
Tai-hu, lake, China [**24**-70 C3]; **5**-518b.
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— (printing) **2**-789d.
— (silk mfr.) **20**-675b.
— (zool.) **9**-308a; **6**-800a.
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—, co., N.S.W., Austr. [**24**-170 F5].
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Tail-fan (zool.) **6**-801d.
Tail-feelers (zool.) **12**-408d.
Tailings (mining) **10**-482d; **15**-313a.
Tail knife (plough) **6**-851a.
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— -rod **21**-359b.
Tailti (Irish myth.) **2**-616c.
Tailtin games (festival) **2**-616b.
Tail tract (feather) **9**-130d.
Taima, Arab. **2**-184d.
Taimani (Afg. tribe) **10**-827d.
Taima stone (archae.) **2**-171d.
Taimbahòaka, dist., Mad. **14**-604a.
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Taimyr, bay, Sib. **20**-599d.
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Taipale, A. R. **7**-420d.
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Tai-ping, An-hwei, China [**24**-70 C3].
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—, **ARCHIBALD C.** **21**-757d; **23**-130a; **8**-471c.
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Tapanahony, riv., Du. Gui. [**24**-163 A2].
Tapang (tree) **3**-907d.
Tapanuh, Sum. [**24**-72 A3].
TAPANULI, resid., Du. E. I. **21**-798a; **7**-871a.
—, bay, Sum. **21**-798b.
Tapa-shan, mts., China [**24**-70 A3]; **5**-512c; **21**-726a.
Tapasya (Hindu chron.) **4**-578b.
Tapauá, riv., Braz. [**24**-162 D5].
Tape (fabric) **11**-790a.
—, Hyrcania **12**-25d.
— lace **13**-565b.
— **MACHINE**: *see* Ticker.
Taper (candle) **4**-739c.
Tapera, Braz. [**24**-164 C3].
— de Baixo, Braz. [**24**-164 B3].
Tapered roller bearings (mach.) **3**-266c.
— splicing (hosiery) **11**-790b.
Taperoa, Braz. [**24**-164 C3].
Tapes decussatus (zool.) **17**-422c.
TAPESTRY (textile fabric) **21**-798c; **12**-490d; anc. Pers. **17**-565b; Pl. I. figs. 1, 2, 3, 4 **3**-BAYEUX TAPESTRY; Pl. II. figs. 1, 2 **3**-BAYEUX TAPESTRY; carpet mfr. **4**-921c; fig. 9 **4**-921c; fig. 11-A. **4**-922c; Flanders **12**-478d; French Pl. IV. fig. 2 **19**-RENAISSANCE ART; Portuguese Pl. II. fig. 1 **22**-TEXTILES AND EMBROIDERIES; weaving **19**-623c; Pl. figs. 3 and 4 **4**-CARPET MANUFACTURE; fig. 5 **19**-621; fig. 17 **23**-458.
— loom (machine) Pl. fig. 3 **4**-CARPET MANUFACTURE.
Tapetum (anat.) fig. 10 **4**-15; **23**-203b.
TAPEWORMS (parasites) **21**-803b; **18**-66c; **23**-116b; parasitic diseases **17**-271b.
Taphozons longimanus (bat) **5**-598d.
— longimanus (bat): *see* Tom-bat.
— mauritianus (bat) **5**-598d.
— melanopogon (bat): *see* Tomb-bat, Indian.
Taphrina (bot.) **9**-932a.
Tapia (material) **14**-572c.
Tapicitoes, N.Mex. [**24**-148 C2].
Ta-ping, riv., China [**24**-68 F7].
Taping-shan, battle of (1895) **5**-590c.
TAPIOCA (cereal) **21**-805d; **5**-158c; pearl **21**-331b; pudding **18**-752d.
— -products **7**-872d.
TAPIR (mammal) **21**-805d; **1**-735c; intestinal tract fig. 7 **1**-632.
Tapirapé, riv., Sp. **2**-211a.
Tapiridae (mammals) **23**-969d.
Tapiroidea (zool.) **8**-670d.
Tapirus indicus (zool.) **21**-805d.
— terrestris (zool.) **21**-806a.
Tapis Vert (Versailles, Fr.) located **23**-92b.
Tapissier de Nôtre Dame, le (nick.): *see* Luxembourg, François Henri de Montmorency-Bouteville duke of.
Taplang, Jong, Nepal [**24**-66 B1].
Tapling, T. K. **17**-715a.
Taplow, Bucks., Eng. **3**-147c.
—, terrace, Eng. **14**-347b.
Tapolčany, Czech. [**24**-51 F2].
Tapolcza, Hung. [**24**-51 E3].
Tappaghan, mt., Ire. **9**-173a.
Tappan, Arthur (journ.) **16**-355b.
—, Arthur (mer.) **10**-34c.
—, Henry P. **15**-425b.
—, Lewis **15**-261c.
—, O. [**24**-124 D3].
— Zee, riv., N.Y. **16**-655a. 655a.
Tappen, N.Dak. [**24**-136 E3].
TAPPET (mech.) **21**-806a.
— -rod (mech.) **12**-497c.
Tappi, cape, Jap. [**24**-75 M3].
Tapping (met.) **15**-316a.
— (process) **19**-603d.
"Tappit-topped hen" flagon Pl. I. fig. 4 **17**-PEWTER.
Taprobane, isl., Ind.O. **17**-421a; *see also* Ceylon.
Ta Prohm (Angkor Thom) **4**-640d.
Taproot (bot.) **19**-543d.
Taps (tool) fig. 3 **20**-193.
TAPS AND DIES: *see* Machine Tools.
Tapsell (navig.) **2**-16a.
TAPTI, riv., India [**24**-64 D4; **24**-182 D4]; **21**-806a.
Tapton, Derby., Eng. [**24**-13 C4].
Taptu, Mong. [**24**-68 E2].
Ta-pu, China [**24**-70 C5].
Tapu (Maori rel.) **14**-834c.
Tapuaenuku, mt., N.Z. [**24**-173 D4].
Tapul, isl., P.I. [**24**-73 B4].
— (armour) **6**-848a.
Tapuri (tribe) **17**-565d.
TAPUYAN (Ges) (S.Am.Ind. tribes) **21**-806a.
Taquamenaw, riv., Mich. [**24**-130 F3].
Taquary, riv., Braz. [**24**-163 A6]; **18**-43a.
Taquí, Mlv **11**-574c.
Tar, N.C. [**24**-112 G1].
Tar, riv., N.C. [**24**-112 G1]; **16**-520d.
Tar (Est. myth.) **21**-825a.
TAR: *see* Naval Stores; Coal Tar; Camphors; Wood Finishes and Gas Manufacture; *see also* oyster treatment Pl. I. fig. 6 **17**-PEARL; synthetic fuel **9**-896c.
—, coal (chem.): *see* Coal tar.
—, crude and prepared (chem.) **5**-915b.
—, wood: *see* Wood tar.
TARA, THOMAS P., 1st viscount **21**-806b.
TARA, Co.Meath, Ire. **21**-806c.
—, co., N.S.W., Austr. [**24**-170 E4].
—, anc. Ire.: *see* Temuir (map).
—, Ont., Can. [**24**-90 B2].
—, Queens., Austr. [**24**-169 D4].
—, isl., P.I. [**24**-73 B3].
—, riv., Yugos. [**24**-52 D3]; **15**-756b.
—, Hill of, Ire. **21**-806c.
Taraba, Arab. [**24**-62 C3].
—, Wadi, riv., Arab. [**24**-62 C3].
Tara brooch **12**-619a.
Tarafa (Arab. poet.) **2**-193c.
—, Francesch **21**-162d.
Tarago, N.S.W., Austr. [**24**-171 J5].
Tara Hill, Ire. [**24**-20 E3].
TARAHUMARE (N.Am.Ind. nation) **21**-806c.
Tarahumare, mts., Mex. [**24**-158 C2]; **15**-377c.
TARAI, tract, India [**24**-182 E2]; **21**-806d.
—, forest, India **3**-405a.
Tarakan, isl., Bor. [**24**-72 E3]; **3**-906b; map **3**-905.
Tarakeswan, India [**24**-66 B2].
Tarakli, Turk. [**24**-58 D2].
Taraku, isl., Jap. [**24**-75 P2].
Tarama Shima, isl., Jap. [**24**-75 D11].
Taranaki, dist., N.Z. [**24**-172 E3].
—, co., N.Z. [**24**-172 D3].
— Bight, North, bay, N.Z. [**24**-172 E3].
Tārānātha (Buddhist) **1**-44d.
TARANCHI (Asiatic people) **21**-806d.
— (dialect) **22**-618a.
Tarancon, Sp. [**24**-33 E2].
Tarandus (zool.) **4**-337d.
Tarangan, dist., Tana-besar, Aru isls. **2**-491b.
Tarannon-Gala facies (geol.) **20**-679b.
Taransay, isl., Scot. [**24**-18 A4].
TARANTELLA (dance) **21**-806d.
Tarantism (dis.) **21**-806d.
Taranto, J. E. J. A. Macdonald, duke of: *see* Macdonald.
—, prov., It. **2**-153d.
TARANTO, It. [**24**-35 F4]; **21**-806d; *see also* Tarentum.
—, gulf, It. [**24**-35 F4; **24**-178 J7]; **21**-807a.
— to Messina (s.s. route) [**24**-9 K5].
TARANTULA (Spider) **21**-807b; il. **21**-215.
Tarantula of Love, The (Fowler) **9**-568a.
TARAPACA, prov., Chil. [**24**-162 D7]; **21**-807c.
—, Chil. [**24**-162 D7].
—, desert, S.Am. **5**-485d.
— (battle, 1879) **5**-500a.
TARARE, Fr. [**27**- H2]; **21**-807c.
—, mts., Fr. **19**-269a.
— (Salleri): *see* Axur, re d'Ormus.
Taras Bulba (Gogol) **10**-476c.
TARASCA (Mex. Indians) **21**-807c.
Tarascan (Indian lang.) **15**-382b.
Tarascon, Ariège, Fr. [**24**-26 E5].
TARASCON, Bouches-du-Rhône, Fr. [**24**-27 H4]; **21**-807d.
Tarasius (patriarch) **12**-625d.
Tara's Night (battle, 1628) **17**-504d.
Tarasp, Switz. [**24**-31 J4]; **21**-808a; castle **8**-441c; waters **15**-532a.
— -SCHULS, Switz. **21**-808a.
Tarata, prov., Peru **21**-737b.
—, Bol. **3**-815d.
— (bot.) **17**-977c.
Tara-tash, mt., U.S.S.R. **22**-887a.
Taravao, Tahiti [**24**-176 B2]; **17**-14b.
Tarawera, N.Z. [**24**-172 F3].
—, lake, N.Z. [**24**-172 F3].
—, mt., N.Z. **10**-320b.
Tarawhati, N.Z. [**24**-172 D1].
TARAXACUM (bot.) **21**-808a.
— laevigatum (bot.): *see* Red-seeded dandelion.
— officinale (bot.): *see* Dandelion.
— paludosum (bot.): *see* Marsh dandelion.
Tarazona, Sp. [**24**-33 E2]; **4**-118b.
Tarbagatai, mts., C.As. [**24**-68 C2]; **13**-302c.
Tarbat, George Mackenzie, viscount: *see* Cromarty.
— Ness, cape, Scot. [**24**-18 E4].
Tarbazan: *see* Marmot.
TARBELL, EDMUND C. **21**-808a.
—, N.H. [**24**-97 C4].
TARBERT, Argyll, Scot. [**24**-19 C6]; **21**-808b.
—, Kerry, Ire. [**24**-21 B4]; **13**-353c.
—, Ont., Can. [**24**-90 B3].
—, East, loch, Harris, Scot. [**24**-18 B4].
—, West, loch, Argyll, Scot. [**24**-19 C6]; **13**-192a.
—, West, loch, Harris, Scot. [**24**-18 A4].
Tarbes, arrondissement, Fr. **11**-258b.
TARBES, Fr. [**24**-26 D4]; **21**-808b.
Tarboro, N.C. [**24**-112 H2].
—, S.C. [**24**-113 C4].
TARBUSH (cap) **21**-808c.
Tar cancer (disease) **4**-736d.
Tarchan, Tib. [**24**-65 E2].
Tarchon (myth.) **21**-753d.
Tarco, riv., It. [**24**-34 C2].
Tarcolès, riv., C.It. **6**-497c.
Tarcoola, Austr. [**24**-170 B3].
Tarcza, riv., Czech. noted **18**-452d.
Tarcutta, N.S.W., Austr. [**24**-171 H5].
Tardae Passiones (Soranus of Ephesus) **2**-695a.
TARDE, GABRIEL **21**-808c.
Tarde, Jean **4**-660b.
Tardenois (battle, 1918) **14**-933c.
Tardenoisian culture **2**-242d.
Tardes, riv., Fr. **6**-687d.
Tardets, Fr. [**24**-26 C4].
TARDIEU, ANDRE P. G. A. (Fr. pol.) **21**-808c.
TARDIGRADA (zool.) **21**-808d; *see also* Sloth.
TARDIVEAU, RENE: *see* Boylesve, René.
Tardoire, riv., Fr. [**24**-26 I2]; **5**-215c.
Tardu (Turk. ruler) **22**-624b.
Tare (bot.): *see* Vetch.
Tareena, N.S.W., Austr. [**24**-170 E4].
Tarels incident (1924) **10**-792a.
Tarell, riv., Wales **4**-82c.
Tarella, N.S.W., Austr. [**24**-170 F3].
Tärendö, Swed. [**24**-42 L3].
Tarentaise, Pierre de: *see* Innocent V. (pope).
—, dist., Fr. [**24**-27 K2].
Tarentilla (play, Naevius) **7**-585b.
Tarentine-Ionic alphabet **15**-304a.
TARENTUM, It. **21**-809b; map **19**-500 (F3); coinage **16**-618d; *see also* Taranto.
TARENTUM, Pa. [**24**-106 B3]; **21**-809c.
Tares (agri.) **8**-617c.
Tarets (race): *see* Shan.
Tarfa (tree) **21**-505c.
Tarfaya, Rio de Oro [**24**-78 B3].
Tar Fork, Ky. [**24**-116 D3].

Target (shooting) **20**-809a.
Targon, Fr. [**24**-26 C3].
TARGOVISTEA, Rum. [**24**-53 C3]; **21**-809d.
Targowica, Pol. [**24**-41 G3]; **18**-144d.
TARGU-JIU, Rum. [**24**-53 B3]; **21**-809d.
Targul-Mures, Rum. [**24**-33 C2].
—-Săcueso, Rum. [**24**-53 D2].
TARGUM (Heb. lit.) **21**-809d.
Targums (O.T.) **3**-505c.
TARGU-MURES, Rum. **21**-812a.
—-**NEAMTU**, Rum. **21**-812a.
— **OCNA**, Rum. **21**-812b.
Tarheel, N.C. [**24**-112 G3].
— State (nick.): *see* North Carolina.
Taricheae, Pal.: *see* Kerak.
TARIFA, Sp. [**24**-32 D4]; **21**-812b.
—, pt., Sp. [**24**-178 D8].
Tariff, W.Va. [**24**-111 B3].
Tariff Act of 1816 (U.S.) **22**-798a; **6**-990a.
— Act (1832, U.S.) **22**-800d.
— Act of 1833 (U.S.) **22**-800d.
— Act of 1846 (U.S.) **22**-803c.
— Act (1872, U.S.) **22**-818b.
— Act (1922, U.S.) **6**-905c; **7**-808a; **21**-815b; **22**-741d.
Tariff acts (U.S.) **21**-812c.
— Commissions **21**-815b.
— of abominations (U.S.) **5**-784d.
— Reform League (Eng.) **2**-974a; **5**-205d.
— Revision (1928, Sp.) **21**-118a.
— Revision Commission (international) **23**-397d.
— treaties **6**-118b.
TARIFFS (taxes) **21**-812b; Canada **4**-701a; corn laws **6**-448a fol.; free trade **9**-742c; international statistics **12**-531d; I. F. S. **12**-634d; protection **18**-601c; Sweden **21**-650d; U.S. **4**-712a; **22**-741c.
Tariffville, Conn. [**24**-101 C1].
Tarigtig, cape, P.I. [**24**-73 B2].
TARIJA, dept. Bol. [**24**-165 D1]; **21**-815c.
—, Bol. [**24**-165 D1]; **3**-815d; *see also* San Bernardo de Tarija.
Tarik (Moslem gen.) **10**-336a; **21**-126b.
Tarika (Af. sect) **20**-966a.
Ta'rikh-I-Malikshahi: *see* Jalālian era.
Tarim, Arab. [**24**-62 D4]; **11**-63d.
Tarim, dist., **11**-120a; **13**-510d.
TARIM, riv., Sin-Kiang [**24**-68 C3; **24**-181 G4]; **21**-815d.
Tar'in, Trans-Jordan [**24**-60 D5].
Tārīq (gov. Tangier) **4**-602d; *see also* Tarik.
—, mt. of: *see* Gibraltar.
Tarkalanri (tribe): *see* Tarkani.
Tarkani (tribe) **2**-943a.
Tarkan-kut, cape, U.S.S.R. [**24**-49 D5].
TARKANRI (TARKILANRI) (tribe, India) **21**-816d.
Tarkastad, Cape Col. [**24**-81 D4].
Tarkiln, R.I. [**24**-100 B2].
TARKINGTON, NEWTON B. **21**-816d.
Tarkio, Mo. [**24**-140 B1].
—, Mont. [**24**-144 A2].
Tarkira, Mong. [**24**-69 J3].
Tarkwa, Go. Cst. [**24**-80 D4].
TARLAC, P.I. [**24**-73 B2]; **21**-817a.
Tarland, Scot. [**24**-18 F4].
TARLETON, SIR BANASTRE **21**-817a.
—, Richard **9**-467d.
—, Lancs., Eng. [**24**-16 D1].
Tarlo, N.S.W., Austr. [**24**-171 J5].
TARLTON, RICHARD **21**-817b.
—, O. [**24**-125 C4].
Tarma, Peru [**24**-162 B6]; **13**-185a.
Tarmachan (bird): *see* Ptarmigan.
Tarmanant, well, Sah. [**24**-78 C4].
TARN, dept., Fr. [**24**-26 F4]; **21**-817b.
TARN, riv., Fr. [**24**-27 G3; **24**-26 E4]; **21**-817d.
—. (geog.): *see* Lake.
Tarna, Swed. [**24**-42 G4].
Tarnak, riv., Afg. map **1**-283.
Tarnava, Mare, riv., Rum. [**24**-53 C2].
— Mica, riv., Rum. [**24**-53 C2].
Tarndale, N.Z. [**24**-173 D5].
Tarnesda, N.Y. [**24**-103 F2].
TARN-ET-GARONNE, dept., Fr. [**24**-26 E3]; **21**-817d.
Tarnier's incubator **12**-144b.
Tarnkappe (myth.) **16**-408d.
Tarnogród, Pol. [**24**-40 F3].
TARNOPOL, prov., Pol. [**24**-41 G4]; **21**-818a.
TARNOPOL, Pol. [**24**-41 G4]; **21**-818b.
Tarnov, Neb. [**24**-139 G3].
TARNOW, Pol. [**24**-40 E3]; **21**-818b.
TARNOWSKI, JAN **21**-818b; **18**-137c.
Tarnowskie, Pol. [**24**-40 D3].
Tarnside, Westm., Eng. [**24**-13 B3].
Taro, riv., It. **12**-754d.
TARO (bot.) **21**-818c.
Tarocchi prints **7**-756b.
Tar oil **10**-710c.
TAROK (game) **21**-818c; **11**-42a.
Tarōks (race): *see* Shan.
Tarok Tso, lake, Tib. [**24**-68 D5].
Tarōn, riv., Bur. **12**-685a fol.
Taroom, Queens., Austr. [**24**-169 C4].
Tarot (game): *see* Tarok; Tarrochino.
Taroudant, Mor. [**24**-78 C2].
TARPAULIN (TARPAULING) (fabric) **21**-818d.
— Cove, Mass. [**24**-99 D2].
TARPEIA **21**-818d.
Tarpeian rock **4**-811b.
Tarpley, Tex. [**24**-123 E5].
TARPON **21**-819a; **1**-941b; **1**-943b.
— atlanticus: *see* Tarpon.
— Springs, Fla. [**24**-115 F3].
Tarporley, Ches., Eng. [**24**-16 D1].
Tarqi (people): *see* Tuareg.
Tarqui, hill, Ec. located **6**-847a.
TARQUINIA (anc. Tarquinii), It. **21**-819a; **8**-787d.
TARQUINIUS PRISCUS, LUCIUS **21**-819b; **19**-475c fol.
—, Sextus **14**-466a.
— **SUPERBUS, LUCIUS** **21**-819c; **20**-376d.
Tarquins **19**-477b.
Tarracina, It.: *see* Terracina.
Tarraco, Sp.: *see* Tarragona.
Tarraconensis, Rom. prov., Sp. **21**-124d; map **19**-500 (B3).
Tarrafal, bay, Cape Verde Isls. **4**-792a.
TARRAGON (bot.) **21**-819d.
TARRAGONA, prov., Sp. [**24**-33 G2]; **21**-819d.
TARRAGONA, Sp. [**24**-33 G2]; **21**-819d; **21**-124d; fig. E **2**-160; Rom. (Tarraco) map **19**-500 (C3).
— (wine) **23**-654d.
Tarrangole, A.E. Sud. [**24**-83 F2].
Tarrant, co., Tex. [**24**-123 F3].
—, riv., Eng.: *see* Arun.
— Hinton, Dorset., Eng. [**24**-17 D4].
TARRASA, Sp. **21**-820b.
Tarrasch (chess player) **5**-429b; **5**-433c.
Tarrega, Sp. **13**-959d.
Tarrien, Que., Can. [**24**-89 A1].
Tarrochino (game) **2**-653b; **4**-858b.
Tarrs, Pa. [**24**-106 B3].
Tarry, Ark. [**24**-120 D3].
Tarryall, Colo. [**24**-147 E2].
—, mts., Colo. [**24**-147 E2].
Tarry cyst **11**-39b.
TARRYTOWN, N.Y. [**24**-102 G4]; **21**-820b.
TARS, LOW TEMPERATURE **21**-820c.
Tarsal bones (anat.) **20**-739b; **13**-131d.
Tarshish (bibl.): *see* Tartessos.
—, anc. dist., Sp. **17**-769d.
Tarsia (myth.) **2**-113d.
Tarsians, Ignatius' Epistle to the **2**-108d.
TARSIER (zool.) **21**-822a; **3**-907b; fig. 16 **4**-19.
Tarsiiformes **23**-971a.
Tarsioids **18**-485c.
Tarsipes: *see* Long-snouted phalanger.
Tarsis, Sp.: *see* Tartessos.
Tarsius (zool.) **13**-909b.
— spectrum: *see* Tarsier.
Tarsk, U.S.S.R. [**24**-48 G3].
Tarso, mts., Sah. [**24**-184 E4].
Tarso-metatarsus **3**-627a.
TARSUS, Asia M. [**24**-58 F4]; **21**-822a; **6**-775d; **17**-569c; **17**-386b; map **17**-548 (B2); map **19**-501 (K4).
— (anat.) **20**-743a; **20**-740d; *see also* Ankle.
— Chai, riv., Asia M.: *see* Cydnus.
Tart, (abbrev.) **1**-26c.
TARTAGLIA, NICCOLO **21**-822d; **1**-607a.
Tartaglia's formulae **8**-669a.
Tartakower, S. **5**-429b; **5**-433a.
Tartalea, Niccolo: *see* Tartaglia.
TARTAN **21**-823a.
Tartar, riv., 'Iraq [**24**-61 A2].
— (people): *see* Tatar.
TARTAR (chem.) **21**-823c.
—, salt of: *see* Potassium carbonate.
— bow fig. 3 **3**-983.
— emetic **2**-68c; **2**-69a fol.; **20**-795b fol.; **21**-824a.
Tartare sauce **20**-10c.
TARTARIC ACID **21**-824a; **21**-388c fol.; fig. 7, 8 **21**-390, 91; **6**-818b.
Tartarorum (treatise: Carpini): see *Liber Tartarorum.*
Tartars: *see* Gypsies.
Tartaruga turtle **1**-736a.
TARTARUS (myth.) **21**-824c.
Tartary, gulf, (Sib.) U.S.S.R. [**24**-57 N4; **24**-181 N3].
Tartas, Fr. [**24**-26 C4].
Tarté-scraper: *see* Keeled scraper.
Tartessos, anc. Sp. **21**-123b; **1**-894b.
Tartha Junction, Queens., Austr. [**24**-171 K1].
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— (law) Babyl. **2**-863a; Eng. **13**-648c.
—, joint: *see* Joint Tenancy.
— at suffrance **8**-728b.
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Ten Articles (rel.) **6**-661d.
TENASSERIM, div., Bur. [**24**-66 D4]; **21**-929d.
—, Bur. [**24**-66 D4].
—, riv., Bur. [**24**-66 D4; **24**-183 K6]; **4**-425d.
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— (castle, Pembrokeshire, Wales) **17**-459a.
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Tenchi (emp.) **12**-931d.
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Ten Commandments: *see* Decalogue.
Tencteri (tribe) **4**-523b.
Tenda, pass, It. **9**-814d.
TENDA (people) **21**-930a.
Tendai (sect) **12**-928a.
Ten Degree, chan., Bay of Bengal [**24**-66 C4; **24**-183 H7].
Tendek, Sud. **13**-485c.
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— (fin.) **18**-212c.
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TENERIFFE (TENERIFE), isl., Can. Is. [**24**-78 A3]; **21**-930c; **4**-728d; s.s. route Bordeaux [**24**-22 C4]; s.s. route Cadiz [**24**-32 C4].
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—, Kwang-Si, China [**24**-70 B5].
—, Shan Tung, China [**24**-70 C2].
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Tenggol, Pulo, isl., Mal. Penin. [**24**-71 B5].
Tenghiz-bai, pass, C. As. **22**-206c.
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Tenginsk, U.S.S.R. [**24**-49 E6].
Tengrela, Iv. Cst. [**24**-80 C3].
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— Nor, lake, Tib. [**24**-68 E5; **24**-183 H2].
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TENG-YUEH (Momein) China [**24**-68 F7]; **21**-930d.
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Teniahia, lake, Fr.W.Af. [**24**-80 A2].
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—, David (younger) **21**-931b; **17**-42a. "Alchemist, The" Pl. I. fig. 1 **1**-ALCHEMY.
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Tenke, Bel. Cong. [**24**-83 E5].
Tenmile, Ala. [**24**-118 D4].
—, La. [**24**-121 B3].
—, Oreg. [**24**-151 B4].
—, cr., Pa. [**24**-106 A3].
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Tennant, Charles (Scot.) **3**-712a.
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—, Smithson **12**-627a.
—, canal, Wales **10**-391b.
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—, William **18**-447b.
—, N.J. [**24**-105 B2].
Tennes (k.) **2**-449a; **17**-768b.
TENNESSEE, state, U.S. [**24**-117]; **21**-931d; **16**-123d; agriculture **21**-934c; budget **4**-335c; Civil War **1**-754b; map **1**-758; coal **5**-904; education **21**-933d; evolution trial (1925) **7**-95c; **9**-921c fol.; geology **22**-717c; iron **21**-42a; legitimacy **13**-879c; liquor laws **21**-937b; money lending **15**-700c; phosphate **15**-529d; population **21**-933; textiles **21**-41b; tobacco **22**-262c.
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—, pass, Colo. [**24**-147 D2; **24**-188 E3]; **6**-43c.
— **RIVER**, U.S. [**24**-95 K3; **24**-189 K3]; **21**-937d; **5**-322a; Civil War map **1**-758; Wilson dam **7**-10b.
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Tennesseean div. (geol.) **4**-842c.
Tennessee City, Tenn. [**24**-117 D1].
— Coal, Iron and Railroad Co. **21**-42b.
— Eastman Corporation (mfr.) **7**-875d.
— Electric Power Co. **8**-150a.
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Tennga, Ga. [**24**-114 B2].
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Tennik, Pal. [**24**-60 C2].
Tennille, Ga. [**24**-114 D4].
Tennis, Kan. [**24**-142 B3].
—, S.Dak. [**24**-137 E2].
Tennis, isl., Egy. **8**-34a.
TENNIS (game): *see* Lawn tennis and tennis.
— -court (Versailles, Fr.) **23**-92c fol.
Tennoji pagoda (Osaka, Jap.) il. **12**-920.
TENNON (arch.) **21**-938d.
Tennstadt, Ger. [**24**-39 F2].
Tenny, Minn. [**24**-135 B5].
TENNYSON, ALFRED TENNYSON, 1st baron **21**-938d; **8**-595a; portrait Pl. II. fig. 7 **8**-ENGLISH LITERATURE.
—, Charles **21**-939a.
—, Emily Sellwood **21**-939c fol.
—, Frederick **21**-939a.
—, Mrs. Lionel **3**-646a.
—, Ind. [**24**-127 A4].
—, Tex. [**24**-122 D4].
—, cape, Ellesmere Isl. map **2**-295 (D2).
— -**D'EYNCOURT, SIR EUSTACE (Henry William)** **21**-942a.
Tenochtitlán, Mex.: *see* Mexico City.
Tenom, Sum. [**24**-72 A3].
Tenon (carpentry) **4**-912b; **13**-122c.
Tenor C (mus.) **17**-969c.
— drum **7**-679b.
— viol **23**-176d.
Tenosique, Mex. [**24**-159 F4].
Tenotomy (surg.) **11**-919d.
Ten-pins (game) **3**-978a.
— points (laws): *see* March laws.
Tenpounder: *see* Big-eyed herring.
Tenque (crusader): *see* Gerard.
TENREC (zool.) **21**-942a.
Tenreiro, Antonio **18**-293b.
Tenringawa, riv., Jap. [**24**-75 K6].
Tenryū, riv., Jap. **12**-896a.
Ten Saints, the, mt., Gr.: *see* Santa Decca.
Tensas, parish, La. [**24**-121 C1].
—, basin, U.S. **15**-606b.
—, riv., La. [**24**-121 C1].
Tensaw, Ala. [**24**-118 B4].
—, riv., Ala. [**24**-118 B5].
Tense (gram.) **10**-614d; **9**-763c.
Tensed, Ida. [**24**-145 B2].
Ten-Semti (Egy. k.): *see* Semti.
Tensift, Wady, riv., Mor. [**24**-78 C2].
Tensile stress (mech.) **15**-51c.
Tension (mech.) **15**-56a fol.; **8**-119b; **11**-987b; **22**-219b.
— (philos.) **21**-429d.
Tenskwatawa (chief) **21**-872a.
Tensleep, Wyo. [**24**-146 E1].
Tenson (lit.) **18**-639d.
TENSOR ANALYSIS (math.) **21**-942b.
Tensor calculus **19**-302c.
— fasciae femoris (anat.) **15**-988c.
— tympani (ear) **11**-297b.
Ten-spined stickleback **9**-323d; **21**-406b.
Tenstrike, Minn. [**24**-134 D4].
Tent **4**-684a; **7**-787a.
Tentacle **5**-963d fol.
Tentaculariidae: *see* Tetrarhynchidae.
Tentaculites **7**-288c.
Tentaculocysts sense-organs (zool.) **5**-966d; **11**-301d; **12**-5a.
TENTERDEN, CHARLES A., 1st baron **21**-944d.
TENTERDEN, Kent, Eng. [**24**-15 D4]; **21**-945a.
Tenterfield, N.S.W. **16**-332b.
Tenth-metre (measure): *see* Angström unit.
Ten Thousand, isls., Fla. [**24**-115 G6].
— Thousand, expedition of the **2**-397a; **6**-866b.
— Thousand Smokes, val. Alsk.: *see* Valley of Ten Thousand Smokes.
Tenthredinoidea: *see* Sawflies.
Tenths (eccl.) **18**-841b.
— (law): *see* Droits of admiralty.
Tentorium cerebelli **4**-12b; fig. 1 **4**-9.
Tentyra, Egy. **7**-199b.
Tentyrden, Kent, Eng.: *see* Tenterden.
Tenugui (scarf) **7**-19a fol.
TENURE **21**-945b; **23**-162c.
— (land): *see* Land Tenure.
— of Office Act 1820, U.S. **10**-640d; 1867, U.S. **13**-106d; **22**-813b.
Tenures, Treatise on (Littleton) **14**-225b.
Ten Words: *see* Decalogue.
— Years' Agreement with India **16**-812b.
— Years' War **17**-155c.
Teoc, Miss. [**24**-119 B2].
Teocaltiche, Mex. [**24**-158 D3].
Teocuitatlan, Mex. [**24**-158 D4].
Teos (k.): *see* Tachos.
—, Asia M. **12**-573d.
TEOSINTE **21**-945c.
Teoyina, Nig. [**24**-80 F4].
Tēpāi: *see* Tea-poy.
Tepalcatepec, riv., Mex. [**24**-158 D4].
Tepanec (tribe) **5**-133c.
Tepatitlan, Mex. [**24**-158 D3].
Tepee, S.Dak. [**24**-137 A2].
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Tepehuanes, Mex. [**24**-158 C2].
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Tephroite **16**-776c.
Tepic, Mex. [**24**-158 D3]; **16**-177d.
TEPIDARIUM **21**-945c; **3**-203c fol.
Te Pito te Henua, isl., Pac. O.: *see* Easter Island.
Tepla, Czech. [**24**-39 H4]; **14**-886b.
Tepler Gebirge, mts., Czech. [**24**-39 H3].
Teplice, Czech. [**24**-50 C1].
TEPLICE-SANOV (Teplitz), Czech. [**24**-39 J3]; **21**-945d.
Te Po: *see* Te Reinga.
Tepula, It. **2**-160d.
Tequepa, bay, Mex. [**24**-158 D4].
Tequfāh (Jew. chron.) **4**-580b.
Ter. (abbrev.) **1**-26c.
—, riv., Sp. [**24**-33 H2]; **10**-312a.
Tera, Port. [**24**-32 C3].
—, riv., Sp. [**24**-32 C2].
Teraab, Mal. Arch. [**24**-72 F6].
Teradomari, Jap. [**24**-75 L5].
Terai, India **3**-553d.
Tera-koya (Jap. school) **12**-924d.
Teramo, dept., It. **12**-761b.
TERAMO, It. [**24**-34 D3]; **21**-945d.
Terampah (Siantan), isls., Mal. Arch. [**24**-72 C3].
Terang, Vict., Austr. [**24**-170 F7]; **23**-133d.
TERAPHIM **21**-945d.
Terasson, Fr. [**24**-26 E2].
Teratoscincus (gecko) **10**-84b.
Terauchi, Seiki **13**-489c fol.
Terban, mt., Arab. [**24**-62 C4].
TERBIUM (chem.) **21**-946a; **2**-650d; **18**-986a fol.
TER BORCH (TERBURG), Gerard **21**-946a; **3**-22b; Pl. I. fig. 6 **21**-STILL LIFE.
Terborg, Holl. [**24**-28 E3].
Terburg, Gerard: *see* Ter Borch.
TERCEIRA, isl., Az. **21**-946b.
Tercero, riv., Arg. **6**-426d.
Tercio, Colo. [**24**-147 F4].
Tercios (Sp. army) **2**-402b.
Terebella (worm) **1**-991a fol.; fig. 6-G **1**-990d.
Terebenthene (chem.) **21**-952b.
TEREBINTH (tree) **21**-946b.
Terebrantia (zool.) **22**-174c.
Terebratella inconspicua Pl. fig. 7 **3**-BRACHIOPODA.
Terebratula (zool.) **13**-635d; *see* Gryphus vitrea.
Terebratulina **3**-1001d fol.
— septentrionalis Pl. figs. 1 and 2 **3**-BRACHIOPODA.
Teredinidae **21**-946c.
TEREDO (zool.) **21**-946c; see *also* Shipworm.
— megotara fig. 32 **13**-625.
Teredon, Rom. Emp. map **19**-501 (M5).
Te Reinga (rel.) **14**-834c.
Terek, pass, C. Asia **13**-287c.
TEREK, riv., U.S.S.R. [**24**-49 F6]; **21**-947a; **6**-972c; **4**-969a; **16**-953d.
— **PROVINCE**: *see* N. Caucasian area.
Terek-tau, mts., Turkist. **22**-206c.
Terekty, pass, C.As. **22**-205d.
TERENCE (Publius Terentius Afer) **21**-947b; **13**-748a; **7**-576d; **6**-29a; comedies **5**-774c; **7**-585c.
Terence (Bentley) **3**-419c.
Terenceville, Nfd. [**24**-93 C3].
Terentia (Rom.) **5**-693b.
TERENTIANUS, (MAURUS) **21**-948a; **13**-753d.
Terentini: *see* Secular games.
Terentius Afer, Publius: *see* Terence.
Terephthalic acid **17**-854b.
Teres, Mal. Arch. [**24**-72 F6].
Teresa, St. **4**-888b.
— de Cepeda: *see* Theresa, St.
Teresa de Manzanares (Solorzana) **4**-990d.
Teresh (people) **8**-74a.
Tereshchenko, M. M. **19**-731b.
Teresita, Ky. [**24**-116 F2].
—, Mo. [**24**-141 F5].
Teres major **15**-987c.
— minor **15**-987c.
Teressulj, Czech. [**24**-51 H2].
Teresva, Czech. [**24**-51 H2].
Terezin, Czech. [**24**-50 D1].
TERGESTE, Istria **21**-948b.
Terglav, mt., Yugos. **23**-918c.
Terglou, mt., Alps **1**-694d; *see also* Triglav.
Tergnier, Fr. [**24**-25 J2].
TER GOUWE, Holl.: *see* Gouda.
Tērgu Frumos, Rum. [**24**-53 D2].
Tergum (zool.) **6**-800a; fig. 7 **12**-407.
Tergu-Ocnei, Rum. [**24**-53 D2].
Terhune, Ind. [**24**-126 B2].
—, Wyo. [**24**-146 H1].
Terillus **11**-563c.
Terina, It. **16**-618d.
Terishumin, well, Sah. [**24**-78 E3].
Teri Toi, riv., India **13**-473d.
Terlingua, Tex. [**24**-122 C5].
Term (law) **3**-143a.
TERM (logic) **21**-948b.
— (math.) **9**-574d.
— assurance **14**-52b.
Termasun, Rio De Oro [**24**-78 B3].
Term-by-term integration (math.) **20**-365a.
Terme, Turk. [**24**-58 G2].
—, Strada delle (Pompeii) **18**-200d.
Termes nemorosus (zool.) il. **21**-949a.
Termessus, Pisidia **17**-963c.
Termes tenuis: *see* White ant.
Ter Meulen, H. **15**-427d.
Terminable annuity **10**-692c.
Terminal (ry.) **18**-925c; freight **18**-942d; passenger **18**-944c; water **18**-946a.
— arborisation (anat.) **20**-751a.
— flower **9**-408c.
Terminalia (bot.): *see* Myrobalans.
— (festival) **21**-949a.
— beleric (bot.): *see* Beleric myrobalan.

Terminalia bialata (bot.): *see* White chuglam.
— Chebula (bot.) *see* Chebulic myrobalan.
Terminal moraine (geol.) **10**-160c; **10**-382a.
Terminated continued fractions (math.) **6**-335a.
Termination, isl., W. Aus. [**24**-168 C5].
TERMINATOR 21-948d.
Terminer, Oyer and: *see* Oyer.
TERMINI IMERESE, Sic. [**24**-35 D5]; **21**-948d; *see also* Boundary stones.
Terminillo, Mountain, It. **12**-755b.
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TERMINOLOGY: *see* Name.
Términos, Laguna de, lagoon, Mex. **4**-680b.
Terminos, lagoon, Mex. [**24**-159 F4].
Terminus, Ga.: *see* Atlanta.
TERMINUS (boundary stone) **21**-949a.
Terminus (Emerson) **8**-393b.
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TERMITE 21-949b; **1**-736b; social life **20**-886b; fig. 5 **12**-406; fig. 24 **12**-412.
— **PROOF CONSTRUCTION 21**-949b.
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Termo, Calif. [**24**-154 C2].
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Termoli, It. [**24**-34 E4].
TERMONDE (DENDERmonde), Belg. [**24**-29 C3]; **21**-949b; **2**-88b.
Termonfeckin, Ire. [**24**-20 E3].
Termor (law): *see* Tenant.
Tern, state, Siam **5**-464b.
—, riv., Eng. [**24**-10 D4]; **20**-396a.
TERN (zool.) **21**-949c.
Ternan, Trevor **22**-666b.
Ternary (chem.) **5**-363d.
— (mus.) **20**-977b.
— (numbers) **2**-357b.
— quadratic forms **16**-603c.
— systems **17**-679c.
Ternate, Du.E.I. **21**-950b; **7**-871a fol.
—, resid., Mal. Arch. **21**-950a.
TERNATE, isl., Mal Arch. [**24**-72 G3]; **21**-940d; **11**-109d.
Ternay, riv., Fr. **1**-999c.
Ternel, Sp. **4**-118b.
TERNE-PLATE (met.): *see* Tin-plate and Terne-plate.
Terneuzen, Holl. [**24**-29 B3]; **10**-324c; **23**-940a.
Ternhill, Salop., Eng. [**24**-16 D2].
TERNI, It. [**24**-34 D3]; **21**-950c; *see also* Interamna.
Terowie, S.Aus., Austr. [**24**-170 D4].
TERPANDER (poet) **21**-950d.
Terpeneless oils **8**-721b.
TERPENES (chem.) **21**-951a; **9**-973c; *see also* Camphors.
Terpis, Max **2**-999a; **17**-192d.
Terpodion **11**-203a.
Terra Alta, W.Va. [**24**-111 D2].
Térraba (dialect) **5**-129d.
Terra Baixa (Guimerá) **21**-163a.
Terra Bella, Calif. [**24**-155 D5].
Terrabile, N.S.W., Austr. [**24**-171 J3].
Terrabonne, Bayou, riv., La. [**24**-121 D4].
Terrace, B.C., Can. [**24**-92 C3].
—, Minn. [**24**-135 C6].
—, Utah [**24**-152 A1].
—, mts., Queens., Austr. [**24**-169 C3].
— **CULTIVATION**: *see* Agriculture, Primitive.
— Park, N.Y. [**24**-103 E1].
Terraces of Incense, isl., Ind. O.: *see* Sokotra.
TERRACINA, It. [**24**-35 D4]; **21**-954c; *see also* Anxur.
Terra Cotta, Ill. [**24**-128 D1].
— **-COTTA** (art) **21**-955a; **6**-61d; Assyria **2**-850a; lamps **13**-629d; Rome **19**-465b; sculp. **20**-209a fol.; **20**-216b fol.; Pl. I. fig. 6 **20**-SCULPTURE; Pl. XIV. fig. 1 **20**-SCULPTURE; Thessalia Pl. III. figs. 4, 5 **1**-AEGEAN CIVILIZATION; tile il. **22**-213.
— di Comune **6**-474c.
— di Lavoro, plain, It. **4**-674c.
Terra di Siena (ochre) **16**-697b.
Terrae Filius: *see* Mangan, James C.
Terra japonica (bot.): *see* Gambir.
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Terranova gulf, It. **21**-958c.
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— **PAUSANIA**, It. **21**-958c.
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Terra Vecchia, Bastia, Cors. **3**-192c.
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Terre, Tex. [**24**-123 F3].
Terrebonne, co., Que., Can. [**24**-89 B3].
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—, parish, La. [**24**-121 D4].
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Terre Champagne, dist., Fr. **5**-245c.
— Haute, Ill. [**24**-128 B3].
— **HAUTE**, Ind. [**24**-127 A3]; **21**-958c.
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Terrestrial animal oils **16**-747b.
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— **MAGNETISM 21**-958d;
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— sign **4**-575b.
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—, **WILLIAM 21**-970d.
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— **ARMY 21**-970d; **10**-681d; **15**-187c; **23**-322d; **23**-750a.
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— compounds: *see* Carbonium compounds.
Triphenylmethyl **5**-376c.
Triphenylstibine **2**-69a.
Triphthong (lang.) **9**-702d.
Triphylia, dist., anc. Gr. **8**-361a.
Tri-pitaka **4**-325b.
Tripiti, cape, Crete [**24**-54 D5].
Triplanar harmony **11**-211b.
Triplanes **1**-253d.
Triple, mt., China [**24**-71 B1; **24**-183 L4].
— (baseball) **3**-167b.
— Alliance (1596) **11**-658b.
— Alliance (1668) **5**-272d; **7**-209b.
— Alliance (1882) **8**-862d; **10**-208a; **19**-723d; Bismarck **3**-666a; **23**-347d; Delcasse **7**-158d; Entente **23**-616d; Italy in **32**-351a; **12**-809b; **2**-765b; origins **23**-355b; von Bülow **4**-376d.
— Alliance (labour, Brit.) **21**-708a.
— Alliance, War of the (1865-70) **14**-387c; **19**-1001b.
— Canal Scheme, India **18**-773b.
— counterpoint **6**-596a.
— Entente (1907) **3**-928d; **8**-866b; **23**-318d fol.; **4**-378b.
— expansion engines (mech.) **14**-894d; **21**-355a.
— play (baseball) **3**-167b.
— point (math.) curve fig. 3 **6**-887.
Triples change-ringing **3**-375c.
Triplet, Va. [**24**-110 G4].
—, mt., N.Z. [**24**-173 B6].
— (stone) **10**-95a.
Triple threat man (Am. football) **9**-482b.
— time (mus.) **19**-274d.
Triplets Pl. fig. 5 **22**-TWINS AND TWINNING.
— (mus.) **19**-274d.
— (poker term) **18**-126c.
Triplett, Mo. [**24**-140 D2].
—, N.C. [**24**-112 D1].
—, W.Va. [**24**-111 B3].
Triplex treatment **8**-335c.
Triplicity **19**-68a.
Triploidy (biol.) **11**-491b.
TRIPOD (furniture) **22**-482a; Pl. III. fig. 4 **4**-BRONZE.
— (chem. apparatus) fig. 6 **5**-345.
Tripoli, counts of: *see* Bohemund (princes).
TRIPOLI, N.Af. [**24**-76 E2]; **22**-482a; **1**-305a; annexation by It. **1**-328a; **7**-867c; Narborough **16**-117c; Sabratha **19**-702a; siege **12**-752c; Turk. **1**-323b.
TRIPOLI, Syr. [**24**-58 F5]; **22**-482c; **6**-776a; **6**-777a; **6**-778a; **6**-779b; **6**-792a.
—, Ia. [**24**-138 E2].
—, Wis. [**24**-132 D4].
Tripolis, Gr.: *see* Tripolitsa.
—, N.Af. **22**-483d; map **19**-501 (K5).
TRIPOLITANIA, N.Af. [**24**-76 E2]; **22**-482d; **1**-318a; **22**-483d; capitulations **4**-813a; It. **12**-816c; (1922) **12**-821d.
Tripolitikos (Dicaearchus) **7**-329b.
TRIPOLITSA, Gr. [**24**-54 C4]; **22**-484d; **14**-828b; **10**-756c; Gr. revolt **7**-862a.
TRIPOLYE, Rus. **22**-484d; **8**-841b; **22**-670c.
Tripos (examination) **4**-652d fol.
Tripp, co., S.Dak. [**24**-137 E3].
—, S.Dak. [**24**-137 G3].
Trippe Junction, Ark. [**24**-120 D4].
Tripping palms (anchor) **1**-880d.
Trippstadt, Ger. [**24**-38 C4].
Triprion (zool.) **1**-838b.
Tripsacum dactyloides (plant species): *see* Gama grass.
Tripthong **21**-153a.
Triptis, Ger. [**24**-39 G3].
TRIPTOLEMUS (of Eleusis) **22**-485a; **16**-46c.
Triptolemus (Sophocles) **20**-1004a.
TRIPTYCH (design) **22**-485b; **4**-491b; Pl. III. fig. 1 **12**-IVORY CARVING; **17**-463c.
Tripuna, state, India **7**-861c.
Tripunthora, India **5**-938d.
TRIPURA, state, India [**24**-64 H4]; **22**-485b.
Tripylea (biol.) **18**-633c.
Triquent, Switz. [**24**-30 B4].
Triregnum **23**-6d.
Trireme **16**-169c; **20**-506b fol.
Trisaccharides (chem.) **4**-835a; **5**-368d.
Trisagion (rel.): *see* "Tersanctus."
Trisection (math.) **6**-889c.
TRISECTRIX: *see* Curve, Special.
— of Maclaurin **6**-888c.
— von Catalan (math.): *see* Sinusoidal spirals.
Trisetum (bot.) **10**-657b.
Triškiai, Lith. [**24**-47 B2].
Trisodium phosphate **19**-899b.
Trissino, G. G. **3**-699b; **12**-743c; **7**-501a.
Tristam, Nuno **11**-448c.
TRISTAN (TRISTRAM) (hero) **22**-485c; **10**-552d.
Tristan (Gottfried von Strassburg) **10**-220d; **10**-552d.
TRISTAN DA CUNHA, isls., Atl. O. [**24**-3 L6]; **22**-486b; **1**-204d.
Tristan und Isolde (opera, Wagner) **11**-210c; **19**-275b; **13**-897d.
Tristão, isl., Port. Guin. [**24**-80 A3].
— da Cunha (Port. expl.) Tristan da Cunha isls. **22**-486c.
Triste, gulf, Venez. **23**-49d.
Tristearin (chem.) **2**-562c.
Tristia (Ovid) **16**-978c.
Tristichous leaves (bot.) **13**-828b.
Tristomatidae (zool.) **22**-450d.
Tristram (hero): *see* Tristan.
—, H. B. (Brit. canon) **7**-66c.
—, H. B. (Eng. footballer) **9**-477b.
Tristram (Robinson) **19**-358d.
— (Swinburne) **11**-514d.
— *and Iseult* (Arnold) **2**-424c.
— *Shandy* (Sterne) **8**-590c.
Tristrant (von Oberge) **10**-220b.
Trisul, mt., India, height **15**-931a.
Tritanopia (path.) **6**-61b.
Tritantalochloric acid (chem.) **21**-796c.
Tritantalum hexachloride (chem.): *see* Tantalum dichloride.
Tritomnodon (zool.) **6**-667d.
Triterpenes (chem.) **21**-954b.
Trithelm, Johann **9**-120d.
Trithemius, Johann: *see* Trithelm, Johann.
Trithing (Eng. territorial div.): *see* Hundred.
Tri-thioformaldehyde (chem.) **4**-841a.
Trithionic acid (chem.) **21**-543b.
Trithyreus (zool.) **2**-205a; **17**-432b.
Triticum (bot.) **10**-653d fol.; *see also* Wheat.
— aegilopoides (bot.) **23**-560b.
— compactum (bot.): *see* Club wheat.
— dicoccum (bot.): *see* Emmer.
— Durum (bot.) **20**-319b; *see also* Macaroni wheat.
— monococcum (bot.): *see* Einkorn *and* Cake.
— orientale (bot.): *see* Khorasan wheat.
— polonicum (bot.): *see* Polish wheat.
— pyramidale (bot.): *see* Egyptian cone wheat.
— repens (bot.): *see* Couch grass.
— sativum (bot.): *see* Wheat.
— spelta (bot.): *see* Spelt *and* Maize.
— sphaerococcum (bot.): *see* Indian Dwarf wheat.
— turgidum (bot.): *see* Rivet wheat *and* Egy. wheat.
— vulgare (bot.) **2**-244b; *see also* Bread wheat.
Tritogeneia, Athena (myth.) **2**-601b.
Trito-Isaiah (bibl.) **12**-702b.
TRITON (myth.) **22**-487a.
—, isl., Nfd. [**24**-93 C2].
—, lake, anc. Tun. **12**-1004b.
— (zool.) **10**-69c; *see also* Newt.
— (astron.) **16**-226d.
— alpestris (mollusc, zool.) **20**-414b.
— Branch, riv., Nfd. [**24**-93 C2].
— Club, Que., Can. [**24**-89 B2].
Tritone (mus.) **11**-203c.
Tritonia (bot.) **12**-626d.
Tritonis, L., Rom. Emp. map **19**-500 (D5).
Tritons (myth.) **15**-282c.
Tritton, Sir W. [Brit. engin.) **21**-787b.
Trittyes (Gr. govt.) **5**-790b.
Tritubercular theory (teeth) **21**-875a fol.
TRITUBERCULATA (PANTOTHERIA) (zool.) **22**-487b.
Triturus waltl (zool.) **1**-835b.
Triumph, Ill. [**24**-128 C2].
—, La. [**24**-121 E4].
—, Minn. [**24**-135 D8].
"Triumph" (ship) **23**-783d.
TRIUMPH (Rom.) **22**-487b.
TRIUMPHAL ARCH **22**-487c; basilicas **3**-175b & c.
Triumphant Democracy (Carnegie) **4**-894c.
Triumph der Empfindsamkeit, Der (Goethe) **10**-471b.
Triumphlied (Brahms) **6**-595d.
Triumpho, Braz. [**24**-164 C2].
"Triumph of Caesar" (Mantegna) **19**-404b.
"Triumph of Chastity" (Lotto) **14**-405b.
Triumph of Death (Fletcher) **3**-278a.
"Triumph of Galatea" (Raphael) **18**-984a.
"Triumph of Henry IV," (Rubens) **19**-612d.
Triumph of Love (Beaumont) **3**-278a.
"Triumph of Pan" (Poussin) **18**-383b.
"Triumph of the Republic" (Falguière) **9**-49a.
Triumphs of Turlough O'Brian (MacCraith) **12**-642c.
Triumvirate (Fr. rev.) **13**-627d.
—, First **19**-495d.
—, Second **19**-497d.
—, the Glorious (art) **18**-320d.
TRIUMVIRI (Rom. offi.): *see* Tresviri; *see also* **2**-83c.
Triungulin (zool.) **6**-4b.
Triuridales (bot.) **18**-2a.
TRIVANDRUM, India [**24**-67 C5]; **22**-488b.
Trivelli, A. P. H. **17**-808b.
Trivet, Nicholas: *see* Trevet, Nicholas.
Trivia (Gay) **10**-80a.
Trivia europaea (mollusc): *see* Cowry.
TRIVIUM (educ.) **22**-488c.
Trivoli, Ill. [**24**-128 C3].
Trivulzio, Gian G. **13**-836c.
Trmice, Czech. [**24**-39 K3].
Trn, Bulg. [**24**-53 B4].
TRNAVA, Czech. [**24**-51 E2]; **22**-488c.
Trnava, riv., Czech. [**24**-39 L4].
Trnovo, dist., Bulg. [**24**-53 C4].
TRNOVO (TIRNOVO), Bulg. [**24**-53 C4]; **22**-488c.
TROAD, promontory, Asia M.: *see* Troy (Troad).
Troades (Euripides): see *Trojan Women.*
Troarn, Fr. [**24**-24 E2].
Trobaire (poet): *see* Troubadour.
Trobar clus (verse) **22**-499c.
Trobok (fish) **3**-907c.
Trobriand, isls., N.G. **6**-137a; **14**-941a.
Trobriands (people) **22**-345d.
Trocadéro, Palais du Pl. II. fig. 3 **17**-PARIS.
Trocedorfius, Valentin Friedland: *see* Trotzendorff.
Trochaic tetrameter (metre) **2**-269b.
TROCHEE (Choree) (verse) **22**-488d.
Trochids (zool.) **10**-59b.
Trochilidae (bird): *see* Humming-bird.
Trochilium tipuliforme (insect): *see* Currant borer.
Trochiscus, acidi tannici (drug) **21**-795d.
— potassii chloratis (drug) **18**-325d.
— santonini (drug) **19**-981c.
— sodii bicarbonatis (drug) **20**-924a.
Trochiten-kalk (petrol.) **7**-904b.
Trochlear nerve (anat.) **16**-233b; il. **4**-9-10.
Trochoides (anat.): *see* Pivot-joint.
TROCHOPHORE (TROCHOsphere) (zool.) **22**-489a; **1**-992c; (larva) **10**-65b.
Trochosa picta (zool.) **21**-215a.
TROCHOSPHERE (animal): *see* Trochophore.
TROCHU, LOUIS J. (Fr. gen.) **22**-489a.
Trochus (zool.) **19**-575c.
— jibberosus (zool.) fig. 18 **10**-63.
— shell (zool.) **3**-142a.
Trocmi (tribe) **9**-971a.
Troctes divinatorius (zool.) **7**-114c.
Troctolite (min.) **9**-961a.
TROELSTRA, PIETER J. **22**-489b.
Troemis, Rom. Emp. map **19**-501 (H2).
Troes (people): *see* Trojans.
Troezen, Gr. **11**-92a.
Trogen, Switz. [**24**-31 G2].
Trogir, Aus.: *see* Trau.
— (TRAU), Yugos. [**24**-52 C3]; **22**-489b.
Troglochaetus (worm) **1**-980b.
TROGLODYTES (anc. tribes) **22**-489c.
— (zool.): *see* Chimpanzee.
— aëdon (bird): *see* House-wren.
Troglodytidae (ornith.) **20**-996c.
TROGON (birds) **22**-489d; Pl. III. figs. 3, 7 **3**-BIRDS.
— resplendens (bird): *see* Quetzal.
Trogontherium cuvieri (zool.) **3**-282b.
Trogosus (zool.) **22**-216a.
Trogulidae (zool.) **2**-207a.
TROGUS, GNAEUS P. **22**-490a.
TROIA, It. **22**-490a.
— (ruins, Port.) **20**-381c.
Troia Britannica (Heywood) **11**-538a.
Troiae (ludus) **10**-10b.
Troijenbergh (N.Catonius) **21**-655d.
Troil, Unno von **12**-54b.
Troili, Giulio: *see* Paradosso.
Trollite (min.) **15**-842a.
TROILUS (Gr. legend) **22**-490b.
Troilus and Criseyde (Chaucer) **5**-328a fol.; Pl. IV. fig. 2 **3**-BOOKS.
— *and Cressida* (legend) **19**-425d.
— *and Cressida* (play, Shakespeare) **20**-442a; **3**-540d.
— *and Cressida* (Dryden) **7**-687c.
Troina, Sic. [**24**-35 E6].
Trois Evêques, Rocher des, mt., Alps height **1**-694b.
— Frères, cave, Fr. **2**-241d.
— Frères, mt., Mahé isl. **20**-420d.
Trois Mousquetaires, Les (Dumas) **7**-725c.
Trois-Moûtiers, Fr. [**24**-24 F4]; **23**-144c.
— Pistoles, Que., Can. [**24**-89 D1].
— Pistoles, riv., Que., Can. [**24**-89 D1].
Trois Poètes Maudits (Verlaine) **21**-701b.
Trois Ponts, Belg. [**24**-29 D4].
Trois règnes de la nature (Delille) **7**-257d.
Trois-Rivieres, Que., Can.: *see* Three Rivers.
Trois Vérités, Les (P. Charron) **5**-298a.
Trois Vierges, Luxem. [**24**-29 E4].
Troitsa, U.S.S.R. **23**-786d.
TROITSK, U.S.S.R. [**24**-49 F4]; **22**-490b.
Troitskosavsk, area, U.S.S.R. **4**-410d.
Troitsko-Sergiyevskaya (monastery, Sergiyevo) **20**-362a.
TROITSOKOSAVSK, U.S.S.R., As. **22**-490b.
Troitza-Sergios (monastery) **19**-748b.
Troitzkoye, U.S.S.R. [**24**-48 J2].
Troja, It. **7**-532d.
Trojan, Bulg. [**24**-53 C4].
—, Okla. [**24**-143 H3].
— **PLANETS** (astron.) **22**-490c.
— **WAR**: *see* Troy; *see also* Agamemnon **1**-337c; wooden horse il. **1**-221.
Trojans (people) **22**-503d.
Trojan Women (Euripides) **8**-826a.
Trojumanna saga (Ice.) **22**-505b.
Troki, Pol. **23**-166c.
Trold (Lie) **14**-36d.
Troldtinder, mt., Nor. **19**-521d.
Trölladyngja, mt., Ice. map **12**-43c.
Trolle (Swed. nobles) **7**-209b.
—, Gustavus (archbp.) **21**-643b.
—, **HERLUF** **22**-491c.
Trolley **8**-295b fol.
— bus (vehicle) **15**-922d.
— supports Pl. fig. 8 **6**-CONCRETE.
Troll Garden, The (Cather) **5**-36a.
TROLLHATTAN, Swed. [**24**-44 E2]; **22**-491d; Pl. I. fig. 3 **21**-SWEDEN.
Trollhätte, canal, Swed. **4**-727a; Pl. II. fig. 5 **4**-CANALS AND CANALIZED RIVERS.
Trolling (angling) **1**-935d.
Trollius (bot.) **18**-979c.
Trollius europaeus (bot.); *see* Globe flower.
Trollius laxus (bot.): *see* Spreading globe flower.
Trollope, Sir Andrew **23**-377a.
—, **ANTHONY** **22**-491d.
—, Frances E. **22**-492a.
—, Frances M. **22**-491d.
—, Thomas A. (au.) **22**-492a.
—, Thomas A. (law.) **22**-491d.
Trolopp, Sir Francis (pseud.): *see* Féval, Paul H. C.
TROMBA MARINA (MARINE TRUMPET) (mus.) **22**-492d; hist. **23**-176c.
Trombash (weapon) **11**-927d.
Trombe (math., Fr.): *see* Lituus,
Trombetas, riv., Braz. [**24**-163 A3]; **1**-732a.
Trombetti, Alfredo **19**-935a.
Trombidiidae (zool.) **15**-617c; *see also* Harvest-Bug.
Trombidiid larvae: *see* Harvest mite.
Trombidium (zool.) **15**-617c.
TROMBONE (mus. instru.) **22**-493a.
Tromentina (tribe) **19**-480a.
Tromm, Abraham **6**-205a.
Trommald, Minn. **4**-20b.
Trommel (machine) **16**-881b.
TROMP (Du. admirals) **22**-493c.
—, Cornelius van **22**-493d.
—, Martin H. **22**-493c; **7**-776c.
Trompeter von Säckingen, Der (Scheffel) **10**-228a.
Troms, co., Nor. **16**-547c.
TROMSO, Nor. [**24**-42 J2]; **22**-494a; Pl. fig. 6 **16**-NORWAY.
Trona, Calif. [**24**-155 B5].
Trona (min.) **20**-923d; *see also* Sodium sesquicarbonate.
Trona lakes (min.) **20**-922b.
Troncador, mt., Arg. **1**-901b.

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Troop (Boy Scouts) 3-995c fol.
Trooper Peter Halkett of Mashonaland (Schreiner) 20-104d.
Troops (mil.) 15-912d.
Troopship Pl. 6-CONVOY, NAVAL.
Troost, Louis J. 19-828b.
Troostite (min.) 23-608b.
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Tropaeum Trajani (monument) 19-637d.
Tropanol (chem.): *see* Tropine.
Trope (philos.) definition 20-57a.
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Trophallaxis (biol.) 3-605d.
Trophées, Les (Hérédia) 11-483d.
Trophimus, St. 2-372c.
Trophoblast (embryol.) 3-387d.
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— Pa (paint.) **5**-577d.
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—, Venez. [**24**-160 B2].
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—, Violet **3**-967d.
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—, mts., Can. **22**-970d.
—, s.s. routes [**24**-2 E2].
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—, Mont. [**24**-144 E1].
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—, N.J. [**24**-105 A3].
—, N.Y. [**24**-102 C3].
—, S.C. [**24**-113 B2].
—, Utah [**24**-152 C1].
—, Wis. [**24**-132 D4].
—, W.Va. [**24**-111 C2].
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Woodruffe, mt., Austr. **2**-703d.
Wood-rush (bot.) **13**-182d.
Woods, Robert A. **20**-803d.
—, co., Okla. [**24**-143 D2].
—, Ill. [**24**-129 B5].
—, Ind. (Monroe co.) [**24**-127 B3].
—, Ind. (Randolph co.) [**24**-126 D2].
—, Kan. [**24**-142 B4].
—, N.Dak. [**24**-136 G3].
—, N.Y. [**24**-103 F2].
—, O. [**24**-125 A4].
—, Oreg. [**24**-151 A2].
—, isl., Nfd. [**24**-93 A2].
—, lake, N.Aus., Austr. [**24**-102 C1].
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Wood's alloy **13**-819a.
Wood sandpiper **19**-939c.
Woodsboro, Md. [**24**-108 B1].
Woods Corner, Eng. [**24**-15 D5].
— Cross, Utah [**24**-152 C2].
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Wood's halfpence **13**-322d.
Woods Hole, Mass. [**24**-99 D2]; biological laboratory **15**-26d; **21**-557d.
Woodshore, Tex. [**24**-123 F5].
Woodside, Austr. [**24**-170 D5].
—, Del. [**24**-109 D1].
—, Man., Can. [**24**-91 G3].
—, Mont. [**24**-144 A2].
—, N.Y. (Queens co.) [**24**-104 E4].
—, N.Y. (Westchester co.) [**24**-104 F2].
—, O. [**24**-124 B2].
—, Scot. [**24**-18 F4].
—, Utah [**24**-152 D3].
Woodsman (indus.): *see* Lumberjack.
Wood's metal **9**-955a.
Wood snail **20**-849a.
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—, Ark. [**24**-120 C3].
—, Ill. [**24**-129 B4].
—, Tex. [**24**-123 E3].
—, Va. [**24**-110 E3].
Wood-sorrel (bot.) **16**-984c fol.
Wood spirit (chem.) **5**-244a.
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—, Ala. [**24**-118 B2].
—, Austr. [**24**-169 B2].
—, Conn. [**24**-101 E1].
—, Ill. [**24**-128 D1].
—, Md. [**24**-109 C1].
—, N.B., Can. [**24**-88 B2].
—, N.H. [**24**-97 C3].
—, N.Y. [**24**-103 F3].
WOODSTOCK, Ont., Can. [**24**-90 B3]; **23**-725a.
WOODSTOCK, Oxon., Eng. [**24**-15 B4]; **23**-725a.
—, Va. [**24**-110 F2].
—, Vt. [**24**-97 B3].
—, council of (1163) **3**-290a.
— Valley, Conn. [**24**-101 D1].
Woodston, Kan. [**24**-142 C2].
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— terrapin (zool.) **22**-309c.
— -thrush (zool.) **22**-163d.
— -vessels (bot.) **13**-824d; **22**-217c.
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—, Elizabeth: *see* Elizabeth (Woodville, Eng. q.).
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—, Derby., Eng. [**24**-14 B3].
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—, N.Y. [**24**-103 D2].
—, N.Z. [**24**-172 E4].
—, O. [**24**-124 B2].
—, Pa. [**24**-106 D2].
—, R.I. [**24**-100 B4].
—, Tenn. [**24**-117 B2].
—, Tex. [**24**-123 G4].
—, Va. [**24**-110 F2].
—, Wis. [**24**-132 A5].
Wood vinegar **23**-751a.
Wood violet (bot.) **23**-175a.
— warbler (zool.) **23**-331b; **23**-885b; **20**-996c.
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—, John **10**-155d.
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—, Ala. [**24**-118 B2].
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—, Ill. [**24**-129 B4].
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— -i-Khast, Pers. [**24**-63 C2].
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Yffiniac, Fr. [**24**-24 C3].
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Y Glyder Fawr, mt., Wales **4**-891c.
Y Gogledd, dist., Wales **23**-504c.
Ygrande, Fr. [**24**-25 H5].
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Yi, An-hwei, China [**24**-70 C4].
—, Chih-li, China [**24**-70 C2].
—, Urug. [**24**-161 D6].
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— point **8**-120d; **15**-61a.
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Yi-hsien 15-719a.
Yi-hsing, China 18-368c.
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Yilgarn, goldfield, W. Aus. [**24**-168 B5].
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— dynasty: *see* Shang dynasty.
Ying, China [**24**-70 B2].
— -chow, China [**24**-70 C3].
— -chung **5**-574b.
Yinghissar, Sin-Kiang [**24**-68 B4].
Yingkow, Manchuria: *see* Newchwang.
Ying-shang, China [**24**-70 C3].
— -t'ien, China: *see* Nanking.
Ying Tsao Fa Shih (Li Chieh) **5**-560b.
Ying-Tsung: *see* Gegen.
Yingtze, Manchuria **16**-282d.
Ying-yu-mên, isls., China [**24**-70 C2].
Yinkanie, S. Aus. [**24**-170 E5].
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Yin-tak, China [**24**-70 B5].
Yirol, A. E. Sud. [**24**-83 F1].
Yissun, Timur **15**-718a.
Yi-toang Ho, riv., Manchuria [**24**-69 M3].
Yi-wan, bay, China [**24**-70 D4].
Yi-yang, Ho-nan, China [**24**-70 B3].
—, Hu-nan, China [**24**-70 B4].
—, Kiang-si, China [**24**-70 C4].
YLANG-YLANG 23-892c; **2**-7b.
Y Llethr, mt., Wales [**24**-16 C2].
Ymagines Historiarum (Diceto) **7**-330c.
Y.M.C.A. **1**-26d.
— (U.S.) **4**-683d; **11**-798d.
Y.M.Cath.A. **1**-26d.
Ymer, isl., Green. map **2**-295 (I3).
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Y.M.H.A. **1**-26d.
Ymuden Lock, Amsterdam fig. 19 **7**-476.
—, Holl. **11**-179b; **11**-664c.
—, canal, Holl. **7**-478d; **14**-271a.
Yngling **16**-550d.
Yngvifreyr: *see* Frey.
Yntema, L. F. **5**-361b.
Ynysvitrin: *see* Ynys yr Afallon.
Ynys yr Afallon: *see* Avalon.
Yo, riv., Sud.: *see* Waube.
Yoakum, co., Tex. [**24**-122 C3].
—, Tex. [**24**-123 F5].
Yobi **12**-920c.
Yocemento, Kan. [**24**-142 C3].
Yochoo, Kor. [**24**-69 M4].
Yo-chow, China [**24**-70 B4].
—, riv., China **11**-887a.
YO-CHOW-FU, China **23**-892d.
Yockey, Ind. [**24**-127 B4].
Yocona, riv., Miss. [**24**-119 C1].
Yocum, Ky. [**24**-116 G3].
—, Oreg. [**24**-151 E5].
YODEL 23-892d.
Yoder, Ark. [**24**-120 D3].
—, Colo. [**24**-147 F3].
—, Ind. [**24**-126 C2].
—, Kan. [**24**-142 E4].
—, Wyo. [**24**-146 H4].
Yoe, Pa. [**24**-107 E4].
Yoensuu, Fin. [**24**-48 C2].
YOGA 23-892d; **19**-969a; **4**-326d fol.; **19**-109d; theories **12**-251d; visualisation **12**-209d fol.
Yogis **15**-245d.
Yogo, peak, Mont. **15**-778a.
Yogo Gulch **19**-989c.
Yogoite **15**-778a.
Yo-he-ho **13**-702d.
Yoho, mt., B.C., Can. [**24**-92 F4].
Yojon, lake, Hond. [**24**-159 G4]; **11**-711a.
Yokahockany, riv., Miss. [**24**-119 C3].
Yoke (transportation) **22**-414b.
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— -elm: *see* Hornbeam.
Yoker, Scot. **5**-866c.
Yokkaichi, Jap. [**24**-74 K6].
Yoko, Fr.Equat.Af. [**24**-82 B1].
Yokoate Shima, isl., Jap. [**24**-75 F9].
YOKOHAMA, Jap. [**24**-75 L6]; **23**-892d; **17**-18a; **9**-274d; **7**-850a.
— Shokin Ginko: *see* Yokohama Specie Bank, Ltd., The.
Yokohama (s.s. routes) [**24**-2 A3; **24**-174].
— **SPECIE BANK, LTD.**, The **23**-893a.
YOKOSUKA, Kanagawa, Jap. [**24**-75 L6]; **23**-893b; **12**-924b.
—, Shizuoka, Jap. [**24**-75 K6].
Yokote, Jap. [**24**-75 M4].
Yoktchen, Kuku Nor [**24**-68 F5].
Yokusaka, Jap. **7**-490a.
Yokuts: *see* Mariposan.
YOLA, state, Brit.W.Af. **23**-893b; **23**-893b.
—, Minn. [**24**-134 D4].
Yolaina, cape, Nic. [**24**-159 H5].
—, mts., Nic. **16**-411d.
Yolanda Margherita: *see* Calvi.
Yolande (Anjou) **3**-91d.
— (Aragon) (q. Naples) **1**-977c.
— (Isabella) Brienne (emp.) **6**-789a; **9**-712a; **6**-796.
— (Savoy) **20**-26a; **14**-417d.
—, Ala. [**24**-118 B2].
Yoldia arctica **5**-826c.
— -beds **10**-377b.
— Limatulu fig. 5 **13**-618; figs. 20, 22 **13**-623.
— sea **5**-826c; **2**-243b.
Yolk (egg) **19**-173b; **19**-182b; **17**-922d; **23**-99a; **8**-26a.
— -sac **23**-105a; **8**-387d.
Yolo, co., Calif. [**24**-154 C3].
—, Calif. [**24**-154 C3].
Yolombo, Bel.Cong. [**24**-82 D3].
Yōmā: *see* Atonement, day of.
Yom Ashoora **9**-128b.
Yombiti, Bel.Cong. [**24**-82 D2].
Yōmei (emp. Jap.) **20**-504d.
Yomud **19**-626d.
Yomut (Turk. clan) **22**-623c.
Yon; *see* Odo (of Gascony).
—, riv., Fr. [**24**-24 D5].
Yonakuni Shima, isl., Jap. [**24**-75 C7].
Yon-am, Kor. [**24**-74 E6].
Yonan, Kor. [**24**-74 E5].
Yoncalla, Oreg. [**24**-151 B4].
Yōnen Gakkō **12**-922b.
Yonezawa, Jap. [**24**-75 M5].
Yongala, Austr. [**24**-170 D4].
YONGE, CHARLOTTE M. 23-893c.
Yonges Island, S.C. [**24**-113 D4].
Yong-hai, Kor. [**24**-69 M4].
Yongun, Kor. [**24**-74 F5].
Yonhun, Jap. [**24**-74 E4].
Yoni (rel.) **17**-688d.
Yon-iruman, Kor. [**24**-74 F5].
YONKERS, N.Y. [**24**-104 E1]; **23**-893c.
—, Okla. [**24**-143 H2].
YONNE, dept., Fr. [**24**-23 E3]; **23**-894a.
—, riv., Fr. [**24**-25 J3]; **20**-330c.
Yontoku, Kor. [**24**-74 F5].
Yontyon, Keiki, Kor. [**24**-74 E4].
—, N. Keisyo, Kor. [**24**-74 F5].
Yonyan, Kor. [**24**-74 F5].
Yōnzalin, riv., Bur. **19**-914d.
Yora, riv., Transcaucasia [**24**-59 L2].
"Yorck" (cruiser) **23**-778c.
YORCK VON WARTENburg, Hans David Ludwig, count **23**-894b.
Yoredale series (geol.) **4**-841d; **4**-843d.
Yorick, Yorks., Eng.: *see* York.
Yorick (character) **21**-817b.
Yoritomo (Jap. states.) **12**-933c; **20**-567c; Pl. II. fig. 1 **12**-JAPANESE PAINTING AND PRINTS.
YORK (House of) (Eng.) **23**-894d; **23**-894a; **23**-377a; **8**-503b.
—, **ALBERT F. A. GEORGE**, duke of **23**-895b; **10**-191c.
—, Cardinal: *see* Henry (Henry B. M. C. Stuart).
—, Cecily, duchess of **9**-551a.
—, **EDMUND OF LANGLEY**, duke of **23**-895c.
—, Edward Augustus, duke of **9**-723d.
—, **EDWARD**, duke of (earl of Rutland) **23**-895c.
—, Elizabeth Bowes-Lyon, duchess of **10**-191c; **23**-895b.
—, **FREDERICK AUGUSTUS**, duke of **23**-895d; **10**-679c; **5**-766d.
—, **RICHARD**, duke of **23**-896a; **8**-12d; Henry VI. **8**-503a; Ireland **12**-604d; tomb **9**-551a; Wars of the Roses **19**-558a; Warwick **23**-377b.
York, co., Me. [**24**-96 B5].
—, co., N.B., Can. [**24**-88 C2].
—, co., Neb. [**24**-139 G4].
—, co., Ont., Can. [**24**-90 C3].
—, co., Pa. [**24**-107 E4].
—, co., S. Aus. [**24**-170 C4].
—, co., S.C. [**24**-113 C2].
—, co., Va. [**24**-110 H3]; **23**-901c.
—, Ala. [**24**-118 A3].
—, Alsk. [**24**-156 F4].
—, Ariz. [**24**-149 F6].
—, Can.: *see* Toronto.
YORK, Eng. [**24**-14 B2]; **23**-896d; archbp's. jurisdiction **2**-263b; cathedral **23**-897b; Pl. I. fig. 6 **22**-TRACERY; Convocation **6**-359a; Great Rebellion **6**-740a; grisaille painting **21**-293a fol.; mediaeval library **14**-2d; origin of name **17**-989a; pottery **18**-350c; poverty **18**-383d fol.; Rom. fortress **4**-162a.
—, Fla. [**24**-115 F2].
—, Ill. [**24**-129 E4].
—, Ky. [**24**-116 G2].
YORK, Me. **23**-898a.
—, Minn. [**24**-138 F8].
—, Mont. [**24**-144 C2].
—, Neb. [**24**-139 G4].
—, N.Dak. [**24**-136 E1].
—, Lawrence co., N.Y. [**24**-103 E1].
—, Livingston co., N.Y. [**24**-102 C3].
—, Trumbull co., O. [**24**-124 E2].
—, Union co., O. [**24**-124 B3].
—, Ont., Can. **16**-797a.
YORK, Pa. [**24**-107 E4]; **23**-898b; map **1**-756.
—, S.C. [**24**-113 C2].
—, Utah [**24**-152 C3].
—, W. Aus. [**24**-168 B5].
—, cape, Green. [**24**-4 A15]; map **2**-295 (E2).
—, cape, Queens, Austr. [**24**-169 B1]; **2**-714a.
—, ft., Can. Pl. fig. 4 **11**-HUDSON'S BAY COMPANY.
—, harb., Nfd. [**24**-93 A2].
—, pt., Nfd. [**24**-93 C1].
—, riv., Va. map **1**-756.
—, sd., W. Aus., Austr. [**24**-168 C1].
—, vale, Eng. [**24**-177 F4].
"York" (locomotive) **14**-279c.
York, Treaty of (1236) **20**-157b.
—, Treaty of (1327) **19**-348a.
Yorkana, Pa. [**24**-107 E4].
York-Antwerp Rules **2**-797c; **5**-952d.
York Beach, Me. [**24**-96 B5].
— College (Neb.) **22**-710d.
YORKE, CHARLES 23-898c.
—, Philip, 1st earl of Hardwicke: *see* Hardwicke.
Yorke's, penin., S. Aus., Austr. [**24**-170 C5]; **2**-704b.
Yorketown, S. Aus., Austr. [**24**-170 C5].
York Factory, Man., Can. [**24**-91 H2].
York Harbor, Me. [**24**-96 B5].
Yorkhaven, Pa. [**24**-107 E3].
York Imperial (apples) **9**-885b.
Yorklyn, Del. [**24**-109 D1].
York Minster, Eng. fig. A **6**-806.
— plays **7**-589a fol.
— Rite (freemasonry) **9**-739d.
— Round (archery) **2**-266b.
Yorks., co., Eng.: *see* Yorkshire.
Yorkship Village, N.J. Pl. I. fig. 2 **20**-SOCIAL ARCHITECTURE.
Yorkshire, Otto IV., earl of: *see* Otto IV.
YORKSHIRE, co., Eng. [**24**-14 B1; **24**-13 C3]; **23**-898d; archery contest **2**-266b; coal **5**-873a fol.; **10**-701d; employment **10**-724c fol.; grouse shooting **20**-567d; Jurassic flora **17**-87c.
—, Ia. [**24**-138 B3].
—, O. [**24**-124 A3].
— bond (brickwork) **4**-120c.
— Coach **11**-756a.
— Conservative Newspaper Co., Ltd. (Eng.) **16**-346a.
— dressing (weaving) **23**-464d.
— **ELECTRIC POWER CO.** (Eng.) **23**-901b.
— fog (bot.) **10**-657b.
— Petition (1780, Eng.) **19**-46d.
Yorkshire pig Pl. I. figs. 3 and 4 **17**-PIGS: *see* Large white pig.
Yorkshire Post, The (Eng. news.) **16**-341a; **16**-346a.
Yorkshire Refinery **9**-944c.
— stone square system (brewing) **4**-105a.
— tweed **22**-636d.
York Springs, Pa. [**24**-107 D3].
Yorkton, Can. [**24**-91 F3].
Yorktown, Ark. [**24**-120 D3].
—, Ill. [**24**-128 C2].
—, Ind. [**24**-126 C2].
—, N.J. [**24**-105 A3].
—, Tex. [**24**-123 F5].
YORKTOWN, Va. [**24**-110 H3]; **23**-901c; map **1**-756.
—, battle **23**-385b.
Yorkville, Calif. [**24**-154 B3].
—, Mich. [**24**-131 F7].
York Wolds, moor, Eng. [**24**-177 F4].
Yoro, Hond. [**24**-159 G4].
"Yōrō" (Jap. No Drama) Pl. I. fig. 5 **16**-NO DRAMA.
Yoronoff (surg.) **11**-747d.
Yoron Shima, isl., Jap. [**24**-75 F10].
YORUBA (people) **23**-902b.
Yorus, cape, Turk. [**24**-59 H2].
Yosai (Jap. art) **12**-964d.
Yosemite, Calif. [**24**-154 D4].
—, Ky. [**24**-116 F3].
—, creek, Cal. **23**-903a.
YOSEMITE, natl. park, Calif. [**24**-154 D4; **24**-188 C3]; **23**-902b; falls Pl. II. fig. 5 **4**-CALIFORNIA.
—, val., Calif. **23**-902b fol.; **4**-589d.
Yose-uye (dwarf tree) **3**-854c; Pl. II. fig. 2 **3**-BON SAI.
Yo-shen-shan, mt., China [**24**-70 B2].
Yoshida, Jap. [**24**-74 H7].
YOSHIHITO (Jap. emp.) **23**-903c.
Yoshimasa (Jap. Shōgun) **13**-577c.
Yoshimitsu (Jap. art) **12**-963a.
— (Jap. Shōgun) **12**-934c.
Yoshimuné (Jap. shōgun) **12**-925a; **12**-941d.
Yoshino, riv., Jap. **12**-896a.
Yoshinogawa, riv., Jap. [**24**-74 J6].
Yoshitsune (gen.) **12**-933c.
YOSHIZAWA, KENKICHI 23-903c.
Yost, O. [**24**-125 C4].
—, Okla. [**24**-143 F2].
—, Utah [**24**-152 A1].
— Field House (bldg. Mich. Univ.) **15**-425a.
Youago, Jap. [**24**-74 H6].
"Youchi Soga" (Jap. No Drama) Pl. I. fig. 9 **16**-NO DRAMA.
Youghal, Richard B., baron of: *see* Cork, Richard B., 1st earl of.
—, Colo. [**24**-147 B1].
YOUGHAL, Ire. [**24**-21 D5]; **23**-903d.
—, bay, Ire. [**24**-21 D5].
—, harb., Ire. [**24**-21 D5]; **23**-414a.
— lace: *see* Irish point.
Youghlogheny, riv., Md. [**24**-108 A1]; **15**-2c.
Youghlogheny, riv., Pa. [**24**-106 B3].
Youlgreave, Derby., Eng. [**24**-14 B2].
Youndegin, York, W.Austr. **15**-341d.
Young, Sir Allen **2**-296c fol.
—, Art, cartoons Pl. III. figs. 1-3 **4**-CARTOON.
—, **ARTHUR** (au.) **23**-903d.
—, Arthur (hunter) **2**-267a.
—, **BRIGHAM 23**-904a.
—, C. A. **2**-589b; **5**-647a fol.
—, Cecelia: *see* Arne.
—, **EDWARD 23**-904b.
—, Sir E. Hilton **13**-345c.
—, G. W. **15**-931b.
—, James, light **14**-60c fol.; paraffin **17**-254b; petroleum **14**-454a; shale oil **20**-453d.
—, John (bp.) **21**-205b.
—, John (pol.) **16**-375c.
—, **MAHONRI M. 23**-904d; Am. cathedral, Paris Pl. XIV. fig. 4 **20**-SCULPTURE; "Two Bantams" Pl. VIII. fig. 5 **20**-SCULPTURE TECHNIQUE.
—, **OWEN D. 23**-904d.
—, Ralph **10**-353a; Robert **6**-205b.
—, Sidney **5**-393a; **2**-562c.
—, **THOMAS 22**-905a; **6**-64b; Arago **2**-209a; astigmatism **21**-178a; capillary action

21-594a; colour theory **18**-713c; halo **11**-111b and following; optics **16**-827d; saturation - pressure **22**-979d; supernumerary rainbows **18**-953b.
Young, co., N.S.W. [**24**-170 F3].
—, co., S.Aus., [**24**-170 D4].
—, co., Tex. [**24**-123 E3].
—, Ariz. [**24**-149 D4].
—, N.S.W., Austr. [**24**-171 J5]; **16**-332b.
—, isl., Antarc. [**24**-5 B11].
— America, Ind. [**24**-126 B2].
Youngbury, Herts., Eng. **3**-147b.
Young Czech party **2**-766a.
Youngdale, Pa. [**24**-107 D2].
Young England party (Brit. pol.) **19**-775b; **3**-248a.
Younger Edda (Ice. lit.): see *Prose Edda.*
Young Europe (pol. movement) **21**-689b.
— evaporator column (chem. apparatus) fig. 3 **7**-428.
— floor (malting) **14**-735d.
— fustic (dye-stuff) **9**-957b; **2**-27b.
— -Helmholtz theory (phys.) **23**-208a; **18**-713c.
YOUNGHUSBAND, SIR Francis **23**-905b.
—, lake, S.Aus., Austr. [**24**-170 B3].
Young Ireland (pol.) **14**-573b; **12**-612c; **16**-670c.
— Italy (pol.) **12**-797b; Mazzini **15**-130b fol.
"Young Jewess, The" (paint., Rembrandt) fig. 3 **6**-511.
Young Liberator, the: *see* O'Connell, John.
Young Life (poem, Dante): see *Vita Nuova.*
YOUNG MEN'S CHRISTIAN Association **23**-905b; gymnastics **11**-22b; influence **5**-639d; missions **15**-597b.
Young Misses' Magazine, (Am. period.) **17**-513d.
Young Ottomans (Turk. pol.) **22**-610d.
— pear column (chem. apparatus) **7**-428c.
— People's Society of Christian Endeavor **18**-254c.
— Poland (lit. group) **18**-166a.
— Roscius: *see* Betty, William H. W.
Youngs, Ga. [**24**-114 A3].
—, O. [**24**-125 B5].
— Creek, Ind. [**24**-127 B4].
— Creek, Ky. [**24**-116 F4].
Young's modulus (phys.) **8**-119b; **15**-55d; **15**-62a.
— rule (astron.) **10**-663d.
Youngstown, Alta., Can. [**24**-91 D3].
—, Ill. [**24**-128 B3].
—, Mo. [**24**-140 E1].
—, N.Y. [**24**-102 A2].
YOUNGSTOWN, O. [**24**-124 E2]; **23**-905c.
Youngsville, N.C. [**24**-112 G2].
—, N.Mex. [**24**-148 C2].
—, Pa. [**24**-106 B2].
Youngtown, N.Dak. [**24**-136 C3].
Young Turk Committee of Union and Progress **8**-866c.
— Turks (pol.) **3**-928c; **1**-513b; **20**-502c; **22**-611d.
Youngura (reptile) fig. 11 **19**-191.
"Young woman with a jug" (paint., Vermeer) Pl. IV. fig. 2 **16**-OIL PAINTING, TECHNIQUE OF.
YOUNG WOMEN'S CHRISTIAN Association **23**-906a; influence **5**-640a; (U.S.) World War work **23**-709c.
Youngwood, Pa. [**24**-106 B3].
Yount, Mo. [**24**-141 G4].
Your Grace (eccl. title) **2**-263d.
Yourkovsky (Russ. commissar) **16**-420b.
Youryeff, U.S.S.R. **19**-746c.
Youssef-ben-Tachfin **14**-940a.
Youth (age) **1**-343d.
Youth (Conrad) **6**-278c.
Youth's Companion, The (period.) **5**-476a.
Yowah, Queens., Austr. [**24**-171 G1].
—, cr., Queens., Austr. [**24**-171 G1].
Yowaru, Fr. W.Af. [**24**-80 D2].
Yoxford, Suff., Eng. [**24**-14 E3].
Yozgad, Turk. [**24**-58 F3].
Ypanema, Braz. **19**-985a.
Yperen, Belg.: *see* Ypres, Belg.
Yperite (war device): *see* Dichlorethyl sulphide.
Ypiranga, plain, Braz. **19**-985d.
Yport, Fr. [**24**-24 F2]; **20**-285a.
YPRES, JOHN D. P. FRENCH, 1st earl of **23**-906a; Guise **9**-873b; Le Cateau **9**-872b fol.; Loos, **14**-385c; Marne **14**-928a fol.; Mons **9**-871b fol.; 2nd battle of Ypres **23**-909b; South African War **21**-64a fol.
—, William de, earl of Kent: *see* Kent, William de Ypres, earl of.
YPRES (Yperen), Belg. [**24**-29 A4]; **23**-906b; Hôtel de Ville (Cloth Hall) Pl. I. fig. 5 **10**-GOVERNMENTAL ARCH.; seal Pl. I. fig. 18 **20**-SEALS; 13th cent. importance **16**-248c; three members of Flanders **2**-455d.
—, Fr. **23**-346c; **6**-133d fol.
— (battle, 1647) **3**-242c.
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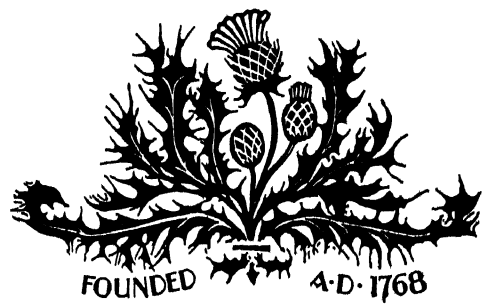
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Easter Island; Oceania (*in part*).
BRDLIK, VLADISLAV, PH.D. Czechoslovakia (*in part*).
BREARLEY, HARRY, M.I.M.E. Rustless Steel.
BREASTED, JAMES HENRY, A.M., PH.D., LL.D., D.LITT.
Ikhnaton; Tutenkhamon.

BRECK, EDWARD, PH.D.
Foil-Fencing (*in part*); Kite-Flying (*in part*).
BRECKINRIDGE, HENRY, A.B., LL.D. Fencing (*in part*).
BRENCHLEY, WINIFRED ELSIE, D.Sc., F.L.S., F.E.S.
Weed Destruction.
BRENIER, HENRI. Indo-China, French; Morocco (*in part*).
BRERETON, CLOUDESLEY, M.A., L-ès-L. Education and Industry (*in part*); Paris University; Universities (*in part*); etc.
BRESSEY, CHARLES HERBERT, C.B., C.B.E., F.S.I.
Roads and Streets (*in part*).
BRESSON, MARCELLE M. Madagascar (*in part*).
BRETON, NORTON, M.B.E.
Silk and Sericulture (*in part*); Silk Manufacture (*in part*).
BRETT, GEORGE SIDNEY, M.A. Psychology, History of.
BRETT, MICHAEL. Salvage (*in part*).
BRIDGEWATER, H. M. Chain Manufacture (*in part*).
BRIDGMAN, EDWARD C. Drawing, Anatomical (*in part*).
BRIDGMAN, GEORGE B. Drawing, Anatomical (*in part*).
BRIERLEY, W. B., D.Sc. Soil (*in part*).
BRIGHTON, A. G., M.A., F.G.S. Cretaceous System.
BRINCKERHOFF, A. F., B.S.A. Landscape Architecture (*in part*).
BRINKLEY, CAPTAIN FRANK, R.N. Japan (*in part*).
BRINTON, REGINALD S. Carpet Manufacture (*in part*).
BROCK, ALAN ST. HILL, A.R.I.B.A.
Fireworks; Flare; Rocket and Rocket-Apparatus.
BRODIE, THOMAS GREGOR, M.D., F.R.S.
Muscle, Structure of; Phagocytosis.
BRODRIBB, REV. WILLIAM JACKSON, M.A.
Tacitus, Cornelius (*in part*).
BROGLIE, DUC de. X-Rays (*in part*).
BROODBANK, SIR JOSEPH GUINNESS. London (*in part*).
BROOKE, COLONEL GEOFFREY, D.S.O., M.C.
Horsemanship and Riding (*in part*).
BROOKE, SQUADRON LEADER J. C., R.A.F. Seaplane.
BROOKE-POPHAM, AIR VICE-MARSHAL SIR ROBERT, K.C.B., C.M.G., D.S.O., A.F.C. Air Warfare.
BROOKS, C. E. P., D.Sc., F.R.A.I.
Africa (*in part*); Asia (*in part*); Climatic History.
BROOKS, LEONARD, M.A. School and Curriculum (*in part*).
BROOKS, ROBERT C., PH.D.
Baker, Newton Diehl; Progressive Party.
BROOKS, VAN WYCK, A.B.. James, Henry; Twain, Mark.
BROOME, DOROTHY M., M.A., PH.D.
Chamber, The King's; Household, The Royal; Seals (*in part*).
BROOMHALL, GEORGE J. S., F.S.S.
Grain Production and Trade; Rice (*in part*).
BROUGHTON-ALCOCK, W., M.D., M.R.C.S., L.R.C.P.
Malaria (*in part*).
BROWETT, F. T. Boot and Shoe Industry.
BROWN, ARTHUR C. BARRINGTON, M.C., M.A., A.R.S.M.
Fold; Joints.
BROWN, ARTHUR E., B.Sc. Brick (*in part*).
BROWN, CHARLES A. C. Windmills and Wind Power (*in part*).
BROWN, CHARLES REYNOLDS, S.T.D., D.D., LL.D.
Edwards, Jonathan.
BROWN, CURTIS. Royalties.
BROWN, FRANK HERBERT, C.I.E.
Irwin, Lord; Lajpat Rai; Naidu, Sarojini; Nehru, Pandit Motilal; Sankaran Nair, Sir Chettur; etc.
BROWN, F. K., A.B. Ski (*in part*); Snow Shoes (*in part*).
BROWN, HORATIO ROBERT FORBES, LL.D. Venice (*in part*).
BROWN, INNES, B.A. Golf (*in part*).
BROWN, IRVING, M.A., PH.D. Gypsies (*in part*).
BROWN, IVOR. Drama (*in part*).
BROWN, COLONEL JOHN, C.B., C.B.E., D.S.O., T.D.
Territorial Army.
BROWN, PETER GORDON, M.A., F.I.A.
Annuity (*in part*); Expectation of Life; Industrial Insurance (*in part*); Life Tables; etc.
BROWN, R. N. RUDMOSE, D.Sc. Arctic Regions (*part*); Greenland (*part*); Novaya Zemlya; Spitsbergen (*part*); Wrangel Island, etc.
BROWN, WILLIAM, M.D., D.Sc., M.R.C.P. Body and Mind.
BROWN, WILLIAM. Plants (*in part*).
BROWN, WILLIAM ADAMS, A.M., PH.D., D.D.
Fundamentalism and Modernism.
BROWNE, C. A., D.Sc., PH.D.
Adulteration (*part*); Agriculture: A General Survey (*part*).
BROWNE, EDWARD GRANVILLE, M.A., M.R.C.S., M.R.A.S.
Babiism.
BROWNE, FRANK, F.I.C., F.C.S.
Opium-Eating and Opium-Smoking.
BROWNE, FRANK A., B.S. Road Roller.
BROWNE, WARREN C. Printing Type (*in part*).
BROWNING, PHILIP E., A.B., PH.D. Physical Resources (*in part*).
BROWNLEE, JOHN, D.Sc., M.D., D.P.H. Epidemiology (*in part*).
BROWNLOW, RT. REV. WILLIAM R., M.A., D.D.
Catacombs (*in part*).
BRUCE, BARRY WALLACE. Box-Making.
BRUCE, BRIGADIER-GENERAL HON. CHARLES GRANVILLE, C.B., M.V.O. Everest, Mount.
BRUCE, CHARLES MATTHEWES, M.A.
Pensions: Navy, Army and Air Force.
BRUCE, WILLIAM CABELL, LL.B., LL.D. Randolph, John.
BRUERE, HENRY, PH.B. Savings Bank (*in part*).
BRUGEL, FRITZ, D.PH. Kautsky, Karl.
BRUINS, G. W. T. Holland (*in part*).
BRUNT, CAPTAIN D. Dust; Rainbow; Meteorology.
BRYAN, GEORGE HARTLEY, M.A., D.Sc., F.R.S.
Diffusion (*in part*).
BRYCE, DAVID LAWRENCE, F.R.S.E., F.R.M.S.
Rotifera (*in part*).
BRYCE, THE RT. HON. LORD, O.M., G.C.V.O., D.C.L., D.LITT.
Justinian I. (*in part*).
BUCHANAN, SIR GEORGE SEATON, C.B., M.D., B.Sc., F.R.C.P.
Public Health (*in part*).
BUCK, SOLON JUSTUS, PH.D. Minnesota.
BUCKERIDGE, GUY LESLIE, M.R.C.S., L.R.C.P.
Medical Service, Navy (*in part*).
BUCKLE, GEORGE EARLE, M.A., LL.D.
Balfour, Lord (*in part*); Grey of Fallodon (*in part*); Law, Andrew Bonar; McKenna, Reginald.
BUCKLEY, FRANCIS, B.C.L., M.A., F.S.A. Glass (*in part*).
BUCKLEY, J. W., M.Sc. Electric Furnaces.
BUCKLEY, MILLARD. Rolls-Royce Limited.
BUCKMAN, H. O., M.S., PH.D. Physical Resources (*in part*).
BUDD, EDWARD G. Motor Car (*in part*).
BUDD, RALPH, B.S. Great Northern Railway Company.
BUDDEN, LIONEL BAILEY, M.A., A.R.I.B.A.
Architectural Education.
BUDDENBROCK-HETTERSDORF, WOLFGANG VON.
Hearing, Sense of; Sight, Sense of; Smell and Taste, Sense of Touch, Sense of.
BULL, A. J., M.Sc., F.INST.P. Bank Notes (*in part*).
BULLOCK, FRED, LL.D., F.C.I.S. Veterinary Science (*in part*).
BULLOCKE, J. G., M.A. Austrian Succession, War of; French Revolutionary Wars (*part*); Napoleonic Campaigns (*part*); Trafalgar The Battle of (*part*); etc.
BULLOUGH, EDWARD, M.A. Cambridge University (*in part*).
BUNBURY, SIR EDWARD HERBERT, BART., M.A., F.R.G.S.
Pompeii (*in part*); Ptolemy (*in part*).
BURGESS, A. H., B.Sc. Hop, Cultivation of (*in part*).
BURGESS, GEORGE KIMBALL, B.S., Sc.D.
Standards, National Bureau of.
BURGESS, R. W., B.A., PH.D. Graphic Methods in Mathematics.
BURKE, AGNES, B.S., A.M. Children's Games (*in part*).
BURKITT, FRANCIS CRAWFORD, F.B.A., D.D., D.THEOL.
Apocalypse; Bible (*in part*); Syriac Language; etc.
BURKITT, MILES C., M.A., F.S.A.
Archaeology (*in part*); Eoliths; Flints; Typology.
BURKMAN, ERIC C. United States Rubber Company.
BURLINGAME, CLARENCE CHARLES, M.D. Hospital (*in part*).
BURLS, G. A., M.INST.C.E.
Diesel Engine (*in part*); Internal Combustion Engines.
BURNEY, COMMANDER SIR CHARLES DENNISTOUN, C.M.G. R.N. Airship; Airship Sheds.
BURNHAM, WILLIAM H., A.B., PH.D., LL.D.
School Hygiene and Physical Education.
BURPEE, LAWRENCE J., F.R.G.S., F.R.S.C.
Canadian Literature; Montreal; Ottawa.
BURRARD, GERALD, D.S.O., F.R.G.S.
Big Game Hunting; Pig Sticking.

BURROUGHS, ALAN.
Paintings, Restoration and Preservation (*in part*).
BURROWS, G. T. Bowls (*in part*).
BURROWS, J. H. British Empire (*in part*).
BURROWS, MILLAR, B.D., PH.D. Job.
BURROWS, RT. REV. WINFRID OLDFIELD, M.A., D.D.
Absolution; Confession; Confirmation; Prayers for the Dead.
BURSTEIN, SONA ROSA, M.A. Tabu.
BURT, CYRIL LODOWIC, M.A., D.Sc. Backward Children.
BURY, JOHN BAGNELL, D.LITT., LL.D., D.C.L. Alexius I.; II.; III.; Baldwin I.; Basil I.; II.; Gibbon (*part*); Roman Empire, Later.
BUSH, VANNEVAR. Harmonic Analysis; Product Integraph.
BUTLER, ARTHUR JOHN. Dante (*in part*).
BUTLER, RT. REV. EDWARD CUTHBERT, O.S.B., M.A., D.LITT.
Benedict of Nursia; Franciscans; Francis of Assisi, St. (*in part*); Mabillon, John; Thomas of Celano; etc.
BUTLER, FRANCIS H., M.A.
Compass (*in part*); Hunter, John (*in part*).
BUTLER, H. J. Carriage.
BUTLER, J. A. V., M.Sc. Solutions.
BUTLER, NICHOLAS MURRAY, PH.D., LITT.D., LL.D.
Columbia University; Universities (*in part*)
BUTTERFIELD, W. J. ATKINSON, M.A. Acetylene.
BUXTON, L. H. DUDLEY, M.A. Asia (*in part*); and the anthropology of Asiatic Countries; Races of Mankind; etc.
BUXTON, TRAVERS, M.A. Slavery Convention.
BYRD, HARRY FLOOD. Virginia.
BYRD, RICHARD EVELYN. Peary, Robert Edwin.
CABRERA, LUIS, LL.D. Carranza, Venustiano.
CADBURY, H. J. Luke, Gospel of.
CADMAN, SIR JOHN, K.C.M.G., D.Sc., F.G.S., M.I.C.E.
Anglo-Persian Oil Company, Ltd.
CAHILL, J. R., C.M.G. France (*in part*).
CAJORI, FLORIAN, PH.D., LL.D., Sc.D.
Binomial Formula; Geometry (*in part*); Logarithms.
CALDER, FRANK. Ice Hockey (*in part*).
CALKINS, MARY W., LITT.D., LL.D. Royce, Josiah (*in part*).
CALLAHAN, JAMES MORTON, A.M., PH.D. West Virginia.
CALLENDAR, HUGH LONGBOURNE, C.B.E., M.A., LL.D., F.R.S.
Black Body; Calibration; Calorimetry; Heat; Thermodynamics (*in part*); Thermometry; Vaporization.
CALLENDER, GEOFFREY A. R., M.A., F.S.A., F.R.HIST.S.
Armada (*in part*); also Dutch Wars; French Revolutionary Wars; Grand Alliance, War of the; Napoleonic Campaigns; Spanish Succession, War of; Trafalgar; etc., *in part.*
CALLWELL, MAJOR-GENERAL SIR CHARLES EDWARD, K.C.B.
Balkan Wars; Dardanelles Campaign; Mesopotamia, Operations in.
CALMAN, WILLIAM THOMAS, D.Sc., F.R.S.
Arthropoda; Branchiopoda; Cirripedia; Crab; Cray Fish; Crustacea; Lobster; Rotifera (*in part*); Shrimp; etc.
CALMES, ALBERT. Albania (*in part*); Luxembourg.
CAM, HELEN, M.A., F.R.HIST.S.
Borough (*in part*); Mayor (*in part*).
CAMBON, JULES. Security.
CAMBRIDGE, MRS. V. M.
Coasting (*in part*); Ski (*in part*); Winter Sports.
CAMMAERTS, EMILE, C.B.E., HON.LL.D., F.R.HIST.S.
Belgian Literature (*in part*); Mercier, Desiré.
CAMPBELL, E. Rule of the Road (*in part*).
CAMPBELL, REV. LEWIS, D.C.L., LL.D.
Jowett, Benjamin (*in part*).
CAMPION, BERNARD, K.C., LL.B. Banker and Customer (*part*).
CANA, FRANK RICHARDSON, F.R.G.S.
Stanley, Sir Henry Morton; Africa (*part*); Congo Free State; Nigeria (*part*); South Africa, Union of (*part*); and fifty-three other articles on African geography and history.
CANBY, HENRY SEIDEL, LITT.D., PH.D. American Literature (*in part*); Cather, Willa Sibert; Lewis, Sinclair.
CANNON, CLARENCE, A.M., LL.B. Parliamentary Law.
CANNON, WALTER BRADFORD, A.M., M.D., Sc.D., LL.D.
Hunger and Thirst.
CAPEN, PROFESSOR SAMUEL PAUL, PH.D., LL.D., Sc.D.
Education (*in part*).
CAPPER, ARTHUR. Kansas.
CAPPER, W. BENTLY. Hotel (*in part*).
CARLISLE, HENRY W. Guaranty Trust Company.
CARLSEN, EMIL. Still-Life Painting.
CARLTON, M., B.Sc., PH.D., D.I.C. Dryness, Chemical (*in part*).
CARLTON, NEWCOMB, M.E., A.M.
Telegraph; Western Union Telegraph Company, The.
CARMICHAEL, R. D. Barycentric Calculus; Continuity; Diagram; Dimension; Geometries, Finite; Infinity; Limit; Number Sequences.
CARPENTER, GEORGE HERBERT, D.Sc., M.R.I.A.
Entomology (*in part*).
CARPENTER, RAYMOND V. Industrial Insurance (*in part*).
CARPENTER, RHYS, M.A., PH.D. Spain (*in part*).
CARPENTER, WILLIAM M., C.E.
Electrical Power, National and Regional Schemes (*in part*); Electricity Supply: Technical Aspects (*in part*).
CARR, C. T. Corporation (*in part*); Provisional Order; Statute (*in part*); Statutory Rules and Orders.
CARREL, ALEXIS, M.D., Sc.D. Tissue Culture.
CARRIER, WILLIS HAVILAND. Air Conditioning.
CARROLL, HENRY KING, LL.D.
Mennonites (*in part*); Moravian Brethren (*in part*).
CARROLL, J. A., M.A., PH.D. Corona; Eclipse (*in part*).
CARR-SAUNDERS, ALEXANDER MORRIS, M.A.
Eugenics; Optimum Population; Population.
CARTER, E. H., M.A. School and Curriculum (*in part*).
CARTER, VIVIAN. Rotary Club (*in part*).
CARTIER, JACQUES, B-ès-L. Jewellery (*in part*).
CARTWRIGHT, MORSE A., B.S. Adult Education (*in part*).
CARVER, THOMAS GILBERT, K.C., M.A. Salvage (*in part*).
CARVER, THOMAS NIXON, A.B., PH.D., LL.D.
Standard of Living (*in part*).
CARY, MAX, M.A., D.LITT. Aetolia; Athens (*part*); Hellenism; Macedonian Empire; Pericles, Phrygia; Plataea; Punic Wars; Salamis.
CASEY, ROBERT PIERCE, PH.D. Anathema; Simon Magus.
CASSIRER, ERNST. Neo-Kantianism; Rationalism; Substance; Transcendentalism; Truth.
CASSON, STANLEY, M.A., F.S.A.
Rumania (*in part*); Turkey (*in part*).
CASTLE, EGERTON, M.A., F.S.A. Book-Plates.
CASTLE, WILLIAM RICHARDS. Outlawry of War (*in part*).
CATHCART, EDWIN PROVAN, C.B.E., M.D., F.R.S. Nutrition.
CATLIN, WARREN B., A.B., PH.D. Hours of Labour (*in part*).
CATON-THOMPSON, MISS G. Stratigraphy.
CECIL, LADY GWENDOLEN. Salisbury, 3rd Marquis of.
CECIL, RUSSELL L., B.A., M.D., Sc.D. Cold.
CECIL OF CHELWOOD, RT. HON. VISCOUNT, K.C., M.A., D.C.L., LL.D. League of Nations (*in part*).
CESTRE, CHARLES, D.LITT., LL.D. Poe, Edgar Allan.
CHADWICK, SIR DAVID, C.S.I., C.I.E.
Imperial Economic Committee.
CHADWICK, HECTOR MUNRO, M.A., HON.D.LITT., F.B.A.
Britain (*in part*); Anglo-Saxons; Goths (*in part*); Jutes; Teutonic Peoples (*in part*); Thor.
CHALKLEY, ALFRED PHILIP, B.Sc., A.M.I.C.E.
Motor-Boat (*in part*).
CHALMERS, SIR MACKENZIE DALZELL, K.C.B., C.S.I., M.A.
Bill of Exchange (*in part*); Sale of Goods (*in part*).
CHAMBERLAIN, PAUL M., B.S., M.E. Watches (*in part*).
CHAMBERS, SIR EDMUND KERCHEVER, K.B.E., C.B., F.B.A., HON.D.LITT. Shakespeare, William (*in part*).
CHAMBERS, H., M.B.E. Seed Trade (*in part*).
CHAMBERS, ROBERT, M.A., PH.D.
Micromanipulation; Protoplasm (*in part*).
CHAMPION, PIERRE. Joan of Arc.
CHANCELLOR, E. BERESFORD, M.A., F.R.HIST.S.
Clubs (*in part*).
CHANDLER, CHARLES LYON. Uruguay (*in part*).
CHANDLER, MISS M. E. J. Palaeobotany (*in part*).
CHANDLER, S. E., D.Sc. Tea (*in part*).
CHANEY, HENRY JAMES, I.S.O. Measures and Weights (*in part*).
CHANEY, LON. Motion Pictures (*in part*).
CHANNING, EDWARD, A.M., PH.D., LITT.D.
Adams, John; Adams, John Quincy; Adams, Samuel.
CHAPMAN, CHARLES EDWARD, A.M., PH.D.
California (*in part*); Cuba (*in part*).

CHAPPLE, BENNETT.
Sheets, Iron and Steel; Tin-Plate and Terne-Plate.

CHARLES, VEN. ROBERT HENRY, M.A., D.D., LITT.D., F.B.A.
Apocalyptic Literature, Apocryphal Literature and several of the Apocryphal Books, *in part.*

CHARTERS, W. W., A.B., LL.D., PH.D.
School and Curriculum (*in part*).

CHASE, EDNA WOOLMAN. Forms of address (*in part*).

CHASE, PHILIP PUTNAM, A.M., LL.B. New England.

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CHATER, ARTHUR G. Swedish Language and Literature (*in part*).

CHAUMEIX, ANDRE. France, Anatole.

CHENEY, SHELDON, A.B. Theatre (*in part*).

CHESTERTON, GILBERT KEITH, F.R.S.L., LL.D.
Dickens, Charles; Humour (*in part*).

CHEYNE, REV. THOMAS KELLY, D.LITT., D.D.
Esther (*in part*); Jonah.

CHILDE, V. GORDON, B.LITT., F.R.A.I., F.S.A.
Europe (*in part*); Scythia (*in part*); Skara Brae.

CHILDS, MAJOR-GENERAL SIR BORLASE ELWOOD WYNDHAM, K.C.M.G., K.B.E., C.B. Military Law (*in part*).

CHISHOLM, CECIL, M.A. Instalment Selling (*in part*).

CHISHOLM, GEORGE GOUDIE, M.A., B.Sc., LL.D., F.R.S.E.
Sicily (*in part*).

CHISHOLM, HUGH, M.A.
Balfour, Earl of (*in part*); Edward VII. (*in part*); George V. (*in part*); etc.; Representation (*in part*).

CHOLET, BERTRAM. Brush (*in part*).

CHOLMELEY, ROBERT FRANCIS, C.B.E., M.A.
Secondary Education (*in part*).

CHREE, CHARLES, M.A., Sc.D., LL.D., F.R.S.
Inclinometer; Magnetograph; Magnetometer.

CHRISTENSEN, GEORG.
Danish Language and Literature (*in part*).

CHRYSTAL, GEORGE, M.A., LL.D. Perpetual Motion (*in part*).

CHURCH, GEORGE EARL. Plata, Rio de la (*in part*).

CHURCH, THE VERY REV. RICHARD WILLIAM, D.D.
Lombards (*in part*).

CLAREMONT, CLAUDE A., B.Sc. Montessori System.

CLARK, ALBERT CURTIS, M.A., HON.D.LITT., F.B.A. Cicero.

CLARK, ALFRED JOSEPH, M.C., M.D., D.P.H., F.R.C.P.
Heart, Comparative Physiology of.

CLARK, CHARLES E., LL.B., M.A. Appeal; Landlord and Tenant (*in part*); Practice and Procedure (*in part*).

CLARK, EUGENE F., A.M., PH.D. Dartmouth College.

CLARK, GEORGE NORMAN, M.A.
Holland (*in part*); Netherlands (*in part*).

CLARK, HARRY HAYDEN, M.A. Freneau, Philip.

CLARK, SIR WILLIAM HENRY, K.C.S.I., K.C.M.G., M.A.
Export Credits; Trade Facilities.

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Cookery (*in part*); Ice-Cream; Salad; Sauce.

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Graeco-Turkish War.

CLARKE, LIEUTENANT-GENERAL SIR TRAVERS EDWARDS, G.B.E., K.C.M.G., C.B. Supply and Transport, Military (*in part*).

CLARKE, REV. WILLIAM KEMP LOWTHER, D.D.
Apollos; Catechumen; Joseph of Arimathaea; Matthias; Philip, the Evangelist; etc.

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CLAY, R. C. C., M.R.C.S., L.R.C.P., F.S.A., F.R.A.I. Stonehenge.

CLAY, R. S., B.A., D.Sc., F.INST.P.
Kaleidoscope; Mirror; Radiometer; Spectacles.

CLEMENTS, F., M.INST.C.E., M.I.MECH.E., A.M.I.E.E.
Bessemer Steel; Blast Furnace.

CLERC, CHARLY, D-ès-L. Ramuz, Charles Ferdinand.

CLERKE, AGNES MARY. Astronomy (*in part*); also Copernicus, Galileo, Humboldt, Mayer, *in part.*

CLERY, ARTHUR EDWARD, LL.B. Brehon Laws (*in part*).

CLIFFORD, SIR HUGH, G.B.E., G.C.M.G., F.R.G.S.
Borneo (*in part*); Malay Peninsula (*in part*); Malay States (*in part*); Singapore; etc.

CLIMENHAGA, REV. A. W., M.A., PH.D. Brethren in Christ.

CLINTON-BADDELEY, V. C. Pitt, William.

CLOSE, COLONEL SIR CHARLES FREDERICK, K.B.E., C.B., C.M.G., F.R.S. Map (*in part*); Surveying (*in part*).

CLOSE, C. P., B.S.A., M.S. Blueberry; Filbert.

CLOUZOT, E. International Bureaux; Red Cross (*in part*).

COAD, B. R. Boll Weevil, Cotton.

COATES, J. E. Prussic Acid.

COATES, W. H., LL.B. Estate Duties; Excess Profits Duty (*in part*); Income Tax, In Practice (*in part*); etc.

COBB, JOHN WILLIAM, C.B.E., B.Sc., F.I.C.
Gas Manufacture (*in part*).

COCK, A. A., B.A. School and Curriculum (*in part*).

COCKERELL, DOUGLAS B. Bookbinding (*in part*).

COCKS, DOROTHY, B.A.
Beauty Culture; Face Creams; Manicuring; etc.

COFFEY, J. S., B.S.A. Pig (*in part*).

COFFIN, CHARLES E. Whist.

COFFIN, D. D., A.B., B.S. in E.E.
Electrical Power Transmission (*in part*).

COFFMAN, LOTUS DELTA, A.M., PH.D. Minnesota, University of.

COGHILL, ROBERT DE WOLF, A.B., M.S., PH.D. Purines.

COHEN, JULIUS HENRY, LL.B. Port Authority.

COHEN, PHILIP F. Confectionery Manufacture (*in part*).

COHN, EINAR. Denmark (*in part*).

COKER, ERNEST GEORGE, M.A., D.Sc., M.INST.C.E., M.I.MECH.E., F.R.S. Pulley.

COLE, ALAN S., C.B. Textile Printing (*in part*).

COLE, GEORGE DOUGLAS HOWARD, M.A.
Cobbett; Marx (*in part*); etc.; Factory System; Guild Socialism; Socialism; Wage-Systems in Industry; etc.

COLE, GRAHAM W., B.S.
Industrial Accidents, Prevention of (*in part*).

COLE, GRENVILLE ARTHUR JAMES. Ireland (*in part*).

COLE, LIEUTENANT-COLONEL HENRY W. G., C.S.I., C.V.O., O.B.E. Exhibition and Trade Fair.

COLE, SANFORD D. Affreightment; Code; Navigation Laws; etc.

COLE, SYDNEY W., M.A. Gelatin; Proteins.

COLE, WHITEFOORD R., B.A.
Louisville and Nashville Railroad Company.

COLEMAN, ARTHUR PHILEMON, M.A., PH.D., F.R.S.
Canada (*in part*); Quebec (*in part*).

COLEMAN, G. S., D.Sc., A.M.I.C.E. Sanitation of Buildings (*in part*); Sewage Disposal; Sewer Construction.

COLERIDGE, ERNEST HARTLEY, M.A.
Byron, George Gordon (*in part*).

COLGATE, R. T., D.Sc., F.I.C., A.C.G.I., D.I.C.
Biscuit (*in part*); Bread Manufacture (*in part*).

COLLES, HENRY COPE, M.A., F.R.C.M., B.MUS.
Ravel, Maurice.

COLLIER, THEODORE FREYLINGHUYSEN, PH.D.
Innocent (*in part*); Sixtus V.

COLLINGE, WALTER E., D.Sc., F.L.S. Ornithology (*in part*).

COLLINS, G. ROWLAND, A.M., M.B.A.
Chain Stores (*in part*); Jobber.

COLLINS, K. RUTH. Drop Forging (*in part*).

COLLINS, PHILIP S. Curtis Publishing Company.

COLLINS, VARNUM LANSING, A.M. Princeton University.

COLLINS, RT. REV. WILLIAM EDWARD, D.D.
Establishment (*in part*); Testamentum Domini.

COLLIS, EDGAR LEIGH, M.D., M.R.C.P., M.R.C.S.
Industrial Welfare and Medicine.

COLLUM, MISS V. C. C.
Carnac (*in part*); Stone Monuments, Primitive.

COLLYER, BRIGADIER-GENERAL JOHN J., C.B., C.M.G., D.S.O.
East Africa, Operations in; South-West Africa, Campaign in.

COLOMBOS, C. JOHN, LL.D. Laws of War; Peace.

COLVIN, CHARLES H., M.E.
Air Log or Air Distance Recorder; Earth Inductor Compass.

COLVIN, FRED H. Automatic Machines; Conveyors in Mass Production; Machine Tools (*in part*); Valves (Mechanical).

COLVIN, SIR SIDNEY, M.A. Bellini (*in part*); also Dürer, Albrecht; Giorgione; Giotto; Leonardo da Vinci; Michelangelo, *in part.*

COLWELL, NATHAN P., M.D. Medical Education (*in part*).

COMMONS, JOHN R., A.M., LL.D.
Strikes and Lock-outs (*in part*); Wages: Statistics of (*in part*).

COMPTON, ARTHUR HOLLY, PH.D., Sc.D., LL.D.
Compton Effect.

COMRIE, L. J., M.A., PH.D., F.R.G.S. Ephemeris.

CONSTABLE, WILLIAM GEORGE, M.A.
Museums and Art Galleries (*in part*).

CONTENEAU, G., D.-ÈS-L. Asia Minor (*in part*).

CONTRERAS, CARLOS, B.ARCH. Spanish American Architecture.

CONWAY, ROBERT SEYMOUR, M.A., D.LITT.
Iovilae; Praeneste (*in part*).

CONWAY, SIR W. MARTIN. Mountaineering (*in part*).

CONYBEARE, FREDERICK CORNWALLIS, M.A.
Ablution; Armenian Literature (*in part*).

COODE, ARTHUR T., B.A., M.INST.C.E. Dredgers and Dredging.

COOK, BENNING P. San Francisco.

COOK, SHERWIN LAWRENCE. Boston, Mass.

COOK, STANLEY ARTHUR, M.A., LITT.D.
Hebrew Religion; Jesus Christ (*in part*); Jews (*in part*); and articles on Biblical Characters and the "Books" of the Old Testament.

COOK, SIR THEODORE ANDREA. Quoits; Stadium (*in part*).

COOKE, REV. GEORGE ALBERT, D.D.
Ezekiel; Odaenathus; Palmyra; Phoenicia; etc.

COOLIDGE, REV. WILLIAM AUGUSTUS BREVOORT, M.A., F.R.G.S., HON.PH.D. Lugano, Lake of; Switzerland (*in part*); etc.; Jenatsch, Georg; Tell, William (*in part*); etc.

COOMARASWAMY, ANANDA K., D.Sc., F.L.S., F.G.S., M.R.A.S. Indian and Sinhalese Art and Archaeology; Indonesian and Further Indian Art; Textiles and Embroideries (*in part*); etc.

COOPER, FRANK IRVING. School Architecture (*in part*).

COOPER, HUGH L. Muscle Shoals.

COPE, VINCENT ZACHARY, M.A., M.D., M.S., F.R.C.S.
Shock and Collapse.

COPPI, LIEUTENANT-COLONEL A. G. Italy (*in part*).

COPPING, GEORGE.
Chinaware (*in part*); Cotton-Seed; Earthenware.

CORBETT, HARVEY WILEY, F.R.I.B.A., F.A.I.A.
Architecture; Social Architecture (*in part*); etc.

CORDDRY, GRAHAM W. Colour Mill.

CORDONNIER, VICTOR LOUIS EMILIEN.
Frontier, Battles of the (*in part*).

CORNISH, VAUGHAN, D.Sc., F.R.G.S., F.R.C.I. Waves of the Sea.

CORTHORN, CHARLES E. L. Ottoman Bank.

CORWIN, CHARLES ABEL. Museums of Science (*in part*).

COTTON, JAMES SUTHERLAND, M.A.
Hastings, Warren (*in part*); Omichund.

COTTON, ROBERT C. Supply and Transport, Military (*in part*).

COTTRELL, FREDERICK GARDNER, B.S., PH.D.
Fume Precipitation, Electrical.

COULTON, GEORGE GORDON, M.A., HON.D.LITT.
Celibacy; Concubinage; Reformation; etc.

COUPLAND, R. British Empire (*in part*).

COURSEY, PHILIP R., B.Sc., M.INST.P., M.I.M.E.
Condenser, Electrical.

COURTNEY, GILES L., A.M., B.C.S., C.P.A.
Account; Account Current; Accounts Payable Ledger; Accounts Receivable; Accrued Income; Current Assets; etc.

COURTNEY, JANET ELIZABETH, O.B.E., J.P.
Chisholm, Hugh; Alexandra, Queen; George V. (*in part*).

COWARD, T. A. Bird Sanctuaries (*in part*).

COWIE, R. E. M. American Railway Express Company.

COWL, RICHARD POPE, M.A.
Icelandic Literature (*in part*); Saga (*in part*); etc.

COWLES, W. G., LL.B.
Engineering Insurance (*in part*).

COWLEY, ARTHUR ERNEST, D.LITT., F.B.A.
Samaritans; Seadiah, Ben Joseph.

COX, H. E., M.Sc., PH.D., F.I.C.
Food Preservation (*in part*); Jams and Jellies (*in part*); Vinegar.

COX, ISAAC JOSLIN, A.B., PH.D.
Chile (*in part*); Wilkinson, James.

COX, MONTAGUE H. City Government (*in part*).

COX, MAJOR-GENERAL SIR PERCY ZACHARIAH, G.C.M.G., K.C.S.I., G.C.I.E., F.R.G.S. 'Iraq (*in part*); Persia (*in part*); Persian Gulf; and articles on Persian topography and geography.

COX, WARREN E. Decorative Art; Lamp (*in part*); Lighting and Artificial Illumination (*in part*); Periods of Art; Sculpture Technique (*in part*); Technique in Art; etc.

COX, WILLIAM B. Chain Gang.

CRACKANTHORPE, MONTAGUE HUGHES, K.C., D.C.L., M.A.
Arbitration, International (*in part*); Mediation (*in part*).

CRADDOCK, SIR REGINALD HENRY, G.C.I.E., K.C.S.I.
Bhandara; Bilaspur; Central Provinces and Berar; Chhindwara; etc.

CRAFT, HERBERT.
Corn Laws; Exports, Invisible; Export Statistics; etc.

CRAIES, WILLIAM FEILDEN, M.A.
Game Laws (*in part*); Habeas Corpus (*in part*); Trade Marks (*in part*); Warrant (*in part*); Witness (*in part*); etc.

CRANAGE, VERY REV. DAVID HERBERT S., LITT.D., F.S.A., HON.A.R.I.B.A. University Extension (*in part*).

CRANE, C. HOWARD. Theatre (*in part*).

CRANE, J. B. Steam Generation (*in part*).

CRANE, WALTER. Arts and Crafts (*in part*).

CRAVEN, THOMAS TINGEY. Aircraft in War (*in part*).

CRAWFORD, NELSON ANTRIM, M.A. Agricultural Labourer (*in part*); Farmers' Clubs (*in part*); Nonpartisan League; etc.

CRAWFORD, OSBERT GUY STANHOPE, F.S.A.
Archaeology (*in part*); Barrow; Mound-Builders.

CREAK, CAPTAIN ETTRICK W., C.B., R.N., F.R.G.S., F.R.S.
Compass (*in part*).

CREED, THE REV. JOHN MARTIN, B.A., B.D.
Baptism; Bible (*in part*); Eucharist (*in part*).

CREIGHTON, CHARLES, M.A., M.D. Monster (*in part*).

CRET, PAUL PHILLIPPE.
Library Architecture; Museum Architecture (*in part*); Renaissance Architecture (*in part*); Stadium (*in part*).

CREW, F. A. E., M.D., PH.D., D.Sc., F.R.S.E.
Breeds and Breeding; Genetics; Hybridism; Mendelism; Selection (*in part*); Sex (*in part*); Sterility; etc.

CRIPPS, REV. RICHARD SEYMOUR, M.A. Amen.

CRIST, RAYMOND F., D.D.S., LL.B.
Nationality and Naturalization (*in part*).

CROCE, BENEDETTO. Aesthetics.

CROCKER, W., A.B., D.PH. Weeds.

CROCKETT, WALTER HILL. Vermont.

CROMMELIN, ANDREW CLAUDE de LA CHEROIS, B.A., D.Sc.
Comets; Eros; Minor Planet; Trojan Planets.

CROSS, CHARLES FREDERICK, F.R.S. Fibres.

CROSS, HAROLD L. Press Laws (*in part*).

CROSWELL, V. R., B.CH.E. Naval Stores.

CROWDER, ENOCH HERBERT, LL.D. Conscription (*in part*).

CROWDY, DAME RACHEL ELEANOR. Child Welfare and Child Labour (*in part*); Opium Traffic; White Slave Traffic.

CROWE, SIR EDWARD THOMAS FREDERICK, C.M.G. Consul.

CROWE, G. E. W. Household Appliances (*in part*); Refrigerators.

CROWE, J. A. Cigarette (*in part*).

CROWE, BRIGADIER-GENERAL JOHN HENRY VERINDER, C.B.
Plevna; Shippa Pass.

CROWE, SIR JOSEPH ARCHER, K.C.M.G.
Van Eyck; Holbein; Van Der Neer (*in part*); etc.

CROWNE, IRVING H., E.E., M.S. Magneto, High Tension.

CROWTHER, SAMUEL, B.S., LL.B. Ford, Henry.

CRUMP, NORMAN E. Banks, History of (*in part*); Currency; Exchange, Foreign; etc.; Gulden; Rupee; Yen; etc.

CUBBERLEY, ELLWOOD P., PH.D., LL.D.
Education (*in part*); School Administration in the United States.

CULIN, STEWART. Dolls; Head-dress; Masks (*in part*).

CULLEY, A. B., F.I.A. Agents in Business.

CUMMINGS, STEVENSON LYLE, C.B., C.M.G., M.D., LL.D.
Influenza; Tuberculosis (*in part*).

CUNLIFFE, JOHN WILLIAM, M.A., D.LITT.
Journalism, Schools of (*in part*).

CUNO, WILHELM. Hamburg-Amerika Line.

CUNYNGHAME, SIR H. HARDINGE, K.C.B., M.A.
Clocks (*in part*); Watches (*in part*).

CURRAN, C. P., M.A. Irish Literature (*in part*).

CURRY, M. J. Western Pacific Railroad Corporation, The.

CURTIS, EDMUND, M.A.
Ireland (*in part*); Robert Guiscard; Roger I.; etc.

CURTIS, WILLIAM EDWARD, D.Sc., A.R.C.S., D.I.C., F.R.A.S.
Band Spectrum.

CURTISS, DAVID RAYMOND, A.M., PH.D.
Bessel Function; Function.

CUSHENDUN, THE RT. HON. LORD.
Bunker Hill; Grattan, Henry; Jeffreys, George Jeffreys.
CUSSONS, G. W. Mathematical Models.
CUTLER, D. WARD, M.A. Soil (*in part*).
CUTTER, VICTOR M., B.L., M.C.S. United Fruit Company.
DAHL, J. O. Food Service.
DAKIN, W. J., D.Sc., F.L.S., F.Z.S. Onycophora.
DAKYNS, ARTHUR L., M.A. Co-Partnership.
DALBY, W. E., M.A., B.Sc., M.Inst.C.E., M.I.Mech.E., F.R.S.
Bearings; Dynamometer; Power Transmission (*in part*).
DALE, H. E., C.B., M.A. Agricultural Education (*in part*).
DALGAS, FREDERICK. Pottery and Porcelain (*in part*).
DALLIMORE, W. Arboriculture (*in part*); Tree Planting.
DALTON, H. E. Studebaker Corporation, The.
DALTON, ORMONDE MADDOCK, M.A., F.S.A.
Catacombs (*in part*).
DALTON, W. Bridge (*in part*); Baccarat; Contract Bridge; etc.
D'AMICO, SILVIO. Pirandello, Luigi.
DAMPIER-WHETHAM, WILLIAM CECIL, M.A., F.R.S. Electrical Power in Agriculture (*in part*); Electrolysis (*in part*); Science.
DANIELS, A. M., B.S., E.E. Chimney (*in part*).
DANIELS, HARRY J. Burial (*in part*).
DANNATT, C. W., D.I.C., A.R.S.M. Assaying.
DARROW, GEORGE M., A.M., Ph.D. Currant.
DARTON, F. J. HARVEY. Children's Books (*in part*).
DARVINGOFF, COLONEL PETER. Turkey (*in part*).
DARWIN, BERNARD. Golf (*in part*).
DARWIN, C. G., M.A., F.R.S. Light; Zeeman Effect.
DAS, H. Dutt, Toru; Ghose, Lalmohun.
DASENT, ARTHUR IRWIN. Speaker.
DAVENPORT, MAJOR CYRIL JAMES, F.S.A., F.L.A. Mezzotint.
DAVEY, WILLIAM N. Marine Insurance (*in part*).
DAVIDS, CAROLINE A. F. RHYS, D.Litt., M.A.
Pali Language and Literature (*in part*).
DAVIDS, T. W. RHYS, LL.D., Ph.D., F.B.A.
Asoka; Devadatta; Pali Language and Literature (*in part*).
DAVIDSON, REV. SAMUEL, D.D. Canon (*in part*).
DAVIES, ALBERT EMIL. Investment Trusts (*in part*); Options.
DAVIES, SIR HENRY WALFORD, Mus.Doc., F.R.C.M., F.R.C.O.
Music, Teaching of (*in part*).
DAVIES, REV. JAMES, M.A. Hesiod (*in part*).
DAVIES, MRS. NOELLE, Ph.D. Prussia (*in part*).
DAVIES, RALFE DAVIDSON. Bridging, Military.
DAVIES, RANDALL, F.S.A. Caricature (*in part*).
DAVIS, A. H. Acoustics of Buildings, The.
DAVIS, ARTHUR LLEWELLYN. Negligence.
DAVIS, CHANDLER, A.B., M.A.M., M.C. Railways (*in part*).
DAVIS, CHARLES, C.E. Highway.
DAVIS, DWIGHT FILLEY, A.B., LL.B.
Government Departments (*in part*).
DAVIS, HENRY WILLIAM CARLESS, C.B.E., M.A.
Becket, Thomas; Charles, The Great; Henry I.; John (king), etc.; Lanfranc (*in part*); Montfort, Simon de (*in part*); Stephen; etc.
DAVIS, JAMES JOHN, LL.D.
Government Departments (*in part*); Labour Law (*in part*).
DAVIS, JOHN M. Delaware, Lackawanna and Western Railroad Co.
DAVIS, J. S., M.A. Rural Education (*in part*).
DAVIS, OZORA STEARNS, A.M., Ph.D., D.D., LL.D.
Congregationalism.
DAVIS, PARKE H., A.M. Football, Rugby (*in part*).
DAVIS, R. H. Divers and Diving Apparatus.
DAVIS, S. C. H. Motor Racing (*in part*).
DAVIS, WILLIAM, M.A. Hosiery; Lace (*in part*).
DAVIS, WILLIAM MORRIS, D.Sc., Ph.D.
America (*in part*); North America (*in part*).
DAVISON, CHARLES, Sc.D., F.G.S. Earthquake.
DAVISON, GEOFFREY SPENCE. Motorcycles (*in part*).
DAWSON, GEORGE WALTER. Flower Painting.
DAWSON, H. M., Ph.D., D.Sc.
Chemical Action; Chemistry (*in part*); Ions, Catalytic Action of.
DAWSON, WARREN R., F.R.S.E., F.S.A.
Embalming; Imhotep; Mummy.
DAWSON, WILLIAM HARBUTT. Pan-Germanism
DEAN, RUTH. Landscape Architecture (*in part*).
DEBENHAM, F., O.B.E. Antarctic Regions.
DECKER, MAURICE H. Camping (*in part*).
DE CRUE, FRANCIS, D-ès-L. Geneva (*in part*).
DELAHAYE, LIEUTENANT-COLONEL J. V., D.S.O., M.C.
Woolwich (*in part*).
DELAISE, FRANCIS. United States of Europe, The.
DELEHAYE, REV. HIPPOLYTE, S.J.
Canonization; Helena, St.; Roch, St.; Vitus, St.
DELLER, EDWIN, LL.D. London University.
DELME-RADCLIFFE, LIEUTENANT-COLONEL EMILIUS C.
Falconry (*in part*).
DEL RE, ARUNDELL, O.B.E., M.A. Italian Literature (*in part*).
DE MILLE, CECIL BLOUNT. Motion Pictures (*in part*).
DEMING, OLIN L. Canning (*in part*).
DEMING, WILLIAM CHAPIN, A.M., LL.D. Civil Service (*in part*).
DENDY, FRED L., A.B.
Acting (*in part*); Inlaying; Schools of Art (*in part*); etc.
DENGEL, IGNAZ PHILIPP. Papacy (*in part*).
DENHAM, W. S., D.Sc., F.I.C.
Silk and Sericulture (*in part*); Silk Manufacture (*in part*).
DENMAN, RODERICK PETER GEORGE, M.A., A.M.I.E.E.
Gramophone (*in part*).
DENNIS, CHARLES H., M.A., Field, Eugene.
DENNY, EDWARD M. C., M.C., B.A. Bill of Exchange (*in part*).
DERBY, GEORGE S., A.B., M.D. Blindness, Causes of.
DERRICK, CALVIN. Reformatory School (*in part*).
DESART, COUNTESS DOWAGER OF. Forms of Address (*in part*).
DESJARDIN, A. U., M.D. Finsen, Niels Ryberg.
DESSEZ, ELIZABETH RICHEY. Motion Pictures (*in part*).
DEVINE, HENRY, O.B.E., M.D., F.R.C.P. Psychosis (*in part*).
DEW, LIEUTENANT-COLONEL SIR ARMINE BRERETON, K.C.I.E., C.S.I. Baluchistan (*in part*).
DEWING, ARTHUR, B.S. Art (*in part*).
DICE, AGNEW T. Reading Company.
DICKSEE, LAWRENCE ROBERT, M.Com., F.C.A.
Accountancy and Accountants (*in part*); Balance Sheet (*in part*), Bookkeeping; Liquidation (*in part*); etc.
DICKSON, HENRY NEWTON, M.A., D.Sc., F.R.G.S., F.R.S.E.
Mexico, Gulf of.
DICKSON, LEONARD E. Numbers, Theory of.
DILKE, LADY. Millet, Jean François (*in part*).
DILLON, DR. EMILE JOSEPH. Alphonso XIII.
DILLON, THOMAS, M.A., D.Sc. Gums.
DINES, WILLIAM HENRY, F.R.S. Kite-Flying (*in part*).
DINGLE, HERBERT, A.R.C.S., B.Sc., F.R.A.I. Sun.
DINSMOOR, WILLIAM BELL, S.B. Greek Architecture.
DINSMORE, WAYNE, M.S.A. Horsemanship and Riding (*in part*).
DIXON, G. C. Hughes, William Morris (*in part*).
DIXON, HAROLD BAILY, C.B.E., M.A., D.Sc., F.R.S.
Chemistry (*in part*).
DIXON, H. M. Rotation of Crops.
DIXON, ROLAND BURRAGE, Ph.D.
Calchaquian; South America (*in part*); Tapuyan.
DIXON, WILLIAM HEPWORTH. Match (*in part*).
DOBB, MAURICE H., M.A. Russia (*in part*).
DOBSON, AUSTIN, LL.D. Hogarth, William (*in part*); Kauffmann Angelica; Richardson, Samuel.
DODD, E. MERRICK, A.B., LL.B. Company Law (*in part*).
DODD, WALTER FAIRLEIGH, B.S., Ph.D.
American Law (*in part*); United States of America (*in part*).
DODGSON, CAMPBELL, C.B.E., M.A. Dry Point (*in part*).
DODS, MARCUS. Pelagius (*in part*).
DOLE, FRANK F. Greyhound Racing (*in part*).
DOLLARD, JOHN, A.B. Chicago, University of.
DOLLMAN, CAPTAIN J. G. Antelope; Chiroptera; Insectivora; etc.
DOLPHIN, J. R., M.Sc., A.I.C., F.C.S. Pearl, Cultivated (*in part*).
DONAHEY, VIC(TOR). Ohio.
DONALD, SQUADRON LEADER D. GRAHAME, R.A.F., C.M.G
D.Litt., F.B.A. Air Co-operation (*in part*).
DONALD, SIR ROBERT, G.B.E., LL.D. Newspapers (*in part*).
DONALD, W. J., A.B., Ph.D. Employees, Training of.
DONALDSON, B. R. Ford Motor Company.
DONDORE, DOROTHY ANNE, A.M., Ph.D. Biography (*in part*).

DONNELLEY, CHARLES, LL.B. Northern Pacific Railway.
DONOVAN, WILLIAM J. Supreme Court of the United States, The.
DORIZZI, F. P. Pencil.
DOUGHTY, ARTHUR G., C.M.G., LITT.D., F.R.HIST.S., F.R.S.C. Frontenac et Palluau; Meighen, Arthur.
DOUGLAS, CLAUDE GORDON, C.M.G., M.C., B.Sc., D.M., F.R.S. Chemical Warfare (*in part*).
DOUGLAS, SIR ROBERT KENNAWAY. Hsuan Tsang (*in part*); Jenghiz Khan; etc.
DOUGLAS, WILLIAM O., A.B., LL.B. Bankruptcy (*in part*).
DOUGLAS, WING COMMANDER W. SHOLTO, M.C., D.F.C., P.S.A. Air Combat.
DOUGLASS, MABEL S., A.B., LITT.D. Women, Education of (*in part*).
DOUMENC, COMMANDANT J. E. A. Motor Transport, Military (*in part*).
DOWIE, H. G. Kent's Cavern.
DOWNEY, JUNE ETTA, M.A., PH.D. Handedness; Handwriting (*in part*).
DOWNS, LAWRENCE A., B.C.E. Illinois Central System.
DOWSON, ROBERT, M.INST.C.E. Turbine: Steam.
DRAUDT, COLONEL P. Red Cross (*in part*).
DREVER, JAMES, M.A., B.Sc., D.PHIL., F.R.S.E. Instinct in Man.
DREW, FREDERIC WILLIAM. Cigar; Cigarette (*in part*).
DREW, H. D. K., D.Sc., PH.D., F.I.C. Microanalysis, Chemical.
DREW, H. J. B. New Zealand (*in part*).
DRIBERG, J. H. Africa (*in part*); Age-grades; Angoni; Ganda; Hehe; Lango; etc.; Secret Societies (*in part*).
DRINKWATER, GEORGE CARR, M.C., M.A., R.B.A. Rowing (*in part*).
DRIVER, G. R., M.A. Assyrian Language; Bible (*in part*); Hebrew Language; Jehovah; Semitic Languages.
DRIVER, SAMUEL ROLLES, HON.LITT.D., HON.D.D. Bible (*in part*).
DROVER, ENGINEER-CAPTAIN F. J., R.N. Marine Engineering; Rotor Ship.
DRUM, HUGH A., A.B. St. Mihiel (*in part*).
DRUMMOND, ALAN A., M.Sc., A.I.C. Casein; Resins.
DRUMMOND, JOHN CECIL, D.Sc., F.I.C. Biochemistry.
DRUMMOND, REV. WILLIAM HAMILTON, D.D., LL.D. Reunion, Church.
DRURY, F. E., M.Sc.TECH., M.I.STRUCT.E., F.I.SAN.E. Building Industry (*in part*); Foundations (*in part*); Structural Engineering (*in part*).
DRYSDALE, C. V., O.B.E., D.Sc., M.I.M.E., F.INST.P., F.R.S.E. Instruments, Electrical.
DUCHESNE, LOUIS MARIE OLIVIER, D-ÈS-L. Papacy (*in part*); Calixtus (*in part*); Gelasius (*in part*); Liberius (*in part*); Lucius (*in part*); Sixtus.
DUCK, FRANK J. G., B.S., CH.E. Lithophone; Mercurochrome; Mining Engineer.
DUCKWORTH, WYNFRID LAURENCE HENRY, M.A., M.D., Sc.D. Anthropometry.
DUDENEY, FRANK M. Exports (*in part*).
DUDENEY, HENRY ERNEST. Magic Square.
DUDLEY, A. M., B.S. in E.E. Motor, Electric.
DUFF, RT. HON. SIR MOUNTSTUART ELPHINSTONE GRANT, G.C.S.I., F.R.S. Oliphant, Laurence (*in part*).
DUFFY, FRANCIS P. Gibbons, James (Cardinal).
DUFLOU, GUILLAUME, PH.D. Flemish Language, The.
DUNCAN, F. MARTIN. Hair (*in part*).
DUNHILL, ALFRED. Pipe Smoking.
DUNIWAY, CLYDE AUGUSTUS, PH.D., LL.D. Colorado.
DUNKERLEY, G. D., B.Sc., A.R.C.S. Educational Associations (*in part*).
DUNNAGE, JAMES A., F.S.S., A.M.INST.T. Importing: In Practice (*in part*).
DUNSTAN, A. E., D.Sc., F.I.C., F.C.S. Paraffin; Paraffin, Chemistry of; Shale Oil; etc.
DUNSTERVILLE, MAJOR KNIGHTLEY FLETCHER, D.S.O., R.A. Range-Finders (*in part*).
DU PONT, LAMMOT, B.S. Du Pont de Nemours and Company, E. I.
DUPUIS, CHARLES EDWARD. Nile (*in part*).
DURANT, WILLIAM JAMES, M.A., PH.D. Dewey, John; Santayana, George.
DURANTY, WALTER. Russia (*in part*).
DURRENBERGER, JOSEPH AUSTIN, M.A. Confederate States of America.
DURST, ALAN L. Sculpture Technique (*in part*).
DU SEJOUR, J. DIONIS. Messageries Maritimes, Compagnie des.
DU TOIT, ALEXANDER L., D.Sc., F.G.S. Gondwanaland.
DUTT, ROMESH CHUNDER, C.I.E., F.R.S.L., M.R.A.S. Vidyasagar, Iswar Chandra.
DVORACEK, JAN. Czechoslovakia (*in part*).
DYBOSKI, ROMAN, PH.D. Mickiewicz, Adam; Poland (*in part*), Polish Literature; Poznan (*in part*).
DYMOND, J. R. Canada (*in part*).
DYSON, SIR FRANK WATSON, K.B.E. Parallax.
EARNEST, JOHN P., A.M., LL.M. Arson (*in part*); Inebriety, Law of (*in part*).
EARNSHAW, FRANK L. Game Reserves (*in part*).
EASTMAN, GEORGE. Photography (*in part*).
EATON, F. A. Academy, Royal (*in part*).
ECCLES, WILLIAM, D.Sc., F.R.S. Wireless Telegraphy (*in part*).
ECKBERG, ADRIAN. Gilding (*in part*).
ECKEL, EDWIN CLARENCE, B.S., C.E. Physical Resources (*in part*).
ECKERSLEY, CAPTAIN P. P., M.I.E.E. Broadcasting (*in part*).
ECKHARDT, KARL AUGUST. Germanic Laws, Early (*in part*); Salic Law (*in part*).
EDDINGTON, SIR ARTHUR STANLEY, D.Sc., F.R.S. Astronomy (*in part*); Star; Telescope (*in part*); etc.
EDGELL, CAPTAIN J. A., R.N. Chart; Sounding.
EDGINGTON, CHARLES, M.A. Ice Hockey (*in part*).
EDMONDS, BRIGADIER-GENERAL SIR J. E., C.B., C.M.G., F.R.G.S. Battles of Loos; of the Marne; Ypres (1914 and 1915); World War (bibliography).
EDMUNDSON, REV. GEORGE, M.A., D.LITT., F.R.HIST.S., F.R.G.S. Brabant; Flanders (*in part*); Holland (*in part*); Oldenbarneveldt (*in part*); Orange, House of; etc.
EDWARDS, ALBA M., M.A., PH.D. Domestic Service (*in part*).
EDWARDS, CHARLES ALFRED, D.Sc. Copper (*in part*); Copper, Output and Manufacture.
EDWARDS, LIEUTENANT-COLONEL IVO ARTHYR EXLEY, C.M.G. Aerodrome (*in part*); Air Routes.
EDWARDS, JUNIUS DAVID, B.S. Physical Resources (*in part*).
EDWARDS, RALPH, B.A. Interior Decoration (*in part*).
EDWARDS, MAJOR T. J. Colours, Military; Numismatics (*in part*); Officers (*in part*); Uniforms (*in part*); etc.
EGBERT, J. C., PH.D., LL.D. University Extension (*in part*).
EGGELING, H. JULIUS, PH.D. Sanskrit Language and Literature (*in part*).
EHLERS, HERR. Norddeutscher Lloyd Steamship Company.
EICHELBERGER, WILLIAM S., A.B., PH.D. Newcomb, Simon.
EINSTEIN, ALBERT, PH.D. Space-Time.
EISENHART, L. P. Differential Geometry; Affine Geometry; Riemannian Geometry.
EISENMANN, LOUIS, D-ÈS-L. Bohemia (*in part*).
EKBLAW, W. ELMER, A.M., PH.D. Dunes; Mammoth Cave; Sierra Nevada Mountains; United States of America (*in part*); Wyandotte Cave; Yellowstone National Park; Yosemite; etc.
ELIOT, SIR CHARLES NORTON EDGCUMBE, P.C., G.C.M.G., C.B., M.A. Asia (*in part*); Japan (*in part*); etc.
ELIOT, CHARLES WILLIAM. Gray, Asa.
ELLES, MISS G. L., D.Sc. Ordovician System; Palaeozoic Era.
ELLINGHAM, H. J. T., A.R.C.S., B.Sc., A.M.I.CHEM.E. Electrochemistry.
ELLIOT, E. J. International Trade Associations and Congresses; Trade Organization (*in part*).
ELLIOTT, GEORGE B. Atlantic Coast Line Railroad Co.
ELLIS, B. A. Chemistry (*in part*).
ELLIS, B. ELDRED. Glove Manufacture.
ELLIS, C. D., PH.D. Photoelectricity.
ELLIS, FRANKLIN COURTNEY, A.B. Eastman Kodak Co.
ELLIS, G. E. Railways (*in part*).
ELLIS, (ROBERT) GEOFFREY. Peerage.
ELLYAT, ARTHUR SIDNEY, O.B.E. Sugar (*in part*).

ELMER, ROBERT P. Archery.
ELMSLIE, REV. WILLIAM ALEXANDER LESLIE, M.A., B.D., Hon.D.D. Prophet.
ELSWORTH, REV. JOHN. Methodism (*in part*).
ELTON, CHARLES S. Ecology, Animal.
ELTON, OLIVER, Hon.D.Litt., F.B.A. English Literature (*in part*).
ELY, RICHARD THEODORE, Ph.D., LL.D.
Land Tenure, Economic and Agrarian Aspects (*in part*).
EMERSON, HAVEN, A.M., M.D. Public Health (*in part*).
ENFIELD, RALPH. Agricultural Credit (*in part*); Agricultural Co-operation (*in part*); Agricultural Insurance.
ENGERRAND, GEORGE C., B.S. Mexico (*in part*).
ENGLEDOW, F. L., M.A. Plant Breeding.
ENNIS, GEORGE PEARSE. Water-Color Painting (*in part*).
EPPS, GEORGE S. W., C.B.E., B.A., F.I.A. Superannuation.
ERNST, MORRIS L., A.B., LL.B. Civil Liberty (*in part*).
ERVINE, ST. JOHN. Shaw, George Bernard.
ESDAILE, ARUNDELL, F.S.A. Libraries (*in part*).
ESHER, THE RT. HON. VISCOUNT, G.C.B., G.C.V.O., LL.D. Cabinet, The (*in part*); Edward VII. (*in part*).
ESMEIN, JEAN PAUL HIPPOLYTE EMMANUEL ADHEMAR. Code Napoléon (*in part*); French Law and Institutions (*in part*); Lettres de Cachet; Parlement; etc.
EVANS, E. E. Denmark (*in part*).
EVANS, E. S. Gliding (*in part*).
EVANS, H. W. L., O.B.E. Mint (*in part*).
EVANS, JOAN, B.Litt. Jewellery (*in part*).
EVANS, J. W., C.B.E., D.Sc., LL.B., F.G.S., M.I.M.E., F.R.S. Devonian System.
EVANS, OWEN D., A.M. Schools, Evening.
EVE, ARTHUR STEWART, C.B.E., M.A., D.Sc., F.R.S. Prospecting.
EVE, HON. SIR HARRY TRELAWNEY (Mr. Justice Eve), M.A. Company Law (*in part*).
EVELYN, MARY, M.C.A. Sausages (*in part*).
EVERARD, W. J., M.I.N.E. Barges and Canal Craft.
EVERITT, CHARLES, M.A., F.C.S., F.G.S., F.R.A.S. Constellation (*in part*).
EVERITT, GEORGE B. Montgomery Ward and Co., Inc.
EWAN, T., M.Sc., Ph.D., F.I.C. Cyanide.
EWING, SIR (JAMES) ALFRED, K.C.B., LL.D., M.Inst.C.E., F.R.S. Air Engine; Siemens, Sir William; Steam; Steam Engine.
EYRE, JOHN WILLIAM HENRY, M.D., M.S., D.P.H., F.R.S.E. Serum Therapy; Vaccine Therapy.
FAIRBAIRN, JOHN SHIELDS, M.B., B.Ch., F.R.C.S., F.R.C.P. Menopause; Obstetrics; Puerperal Fever.
FAIRBANK, HERBERT SINCLAIR, C.E. Roads and Streets (*in part*).
FAIRCHILD, HENRY PRATT, Ph.D.
Americanization; Colour and Race (*in part*).
FAIRWEATHER, REV. WILLIAM, M.A., D.D.
Maccabees; Maccabees, Books of.
FALLOW, THOMAS MACALL, M.A., F.S.A.
Coronation; Crown and Coronet.
FANNING, LEONARD M.
Gasolene; Petroleum; Physical Resources (*in part*); etc.
FARBMAN, MICHAEL. Russia (*in part*).
FARIS, JOHN THOMSON, A.B., D.D.
Arlington National Cemetery.
FARMER, R. C., O.B.E., D.Sc., Ph.D., F.I.C. Filtration.
FARNELL, LEWIS RICHARD, M.A., Litt.D., D.C.L., F.R.A.S., F.B.A. Greek Religion (*in part*); Mystery (*in part*).
FARRELL, JAMES A.
Gary, Elbert Henry; United States Steel Corporation.
FARREN, WILLIAM SCOTT, M.B.E., M.A.
Aeroplane; Fuselage; Helicopter; Ornithopter.
FARRINGTON, WALLACE R., B.S. Pan-Pacific Union, The.
FAUNCE, WILLIAM H. P., A.M., D.D., LL.D.
Brown University.
FAWCETT, DAME MILLICENT G., G.B.E., J.P., Hon.LL.D.
Women's Suffrage (*in part*).
FAWKES, REV. ALFRED, M.A. Establishment (*in part*).
FAY, BERNARD, M.A., D-ès-L. Franklin, Benjamin.
FAY, C. R., M.A., D.Sc. Canada (*in part*).
FAYLE, CHARLES ERNEST.
Blockade, Ministry of; Shipping, History of.
FELL, SIR ARTHUR, M.A., Channel Tunnel.
FELLERS, LIEUTENANT B. F. West Point.
FELLHEIMER, ALFRED, B.S. Railways (*in part*).
FELLOWS, GEORGE EMORY, L.H.D., Ph.D., LL.D. Utah.
FENNEMAN, N. M., A.B., Ph.D.
United States of America (*in part*).
FERGUSON, C. L. Parliamentary Procedure.
FERGUSON, W. S., A.M., Ph.D., Litt.D., LL.D. Greek Law.
FERRERO, LIEUTENANT-COLONEL A. Mountain Warfare (*part*).
FERRIER, J. WALTER. Heine, Heinrich (*in part*).
FERRISS, HUGH. Rendering, Architectural.
FEUCHTWANGER, LION. Novel, Modern Developments in the.
FEW, WILLIAM P., Ph.D., LL.D. Duke University.
FFOULKES, CHARLES JOHN, O.B.E., B.Litt., F.S.A.
Arms and Armour.
FFOULKES, CONSTANCE JOCELYN. Morelli, Giovanni (*in part*).
FIDLER, A. T. Dunlop Rubber Company, Ltd.
FILMAN, JACK. Ice Hockey (*in part*).
FILON, PIERRE MARIE AUGUSTE. Drama (*in part*).
FINDLAY, JOHN RITCHIE. De Quincey, Thomas.
FINER, HERMAN, D.Sc.
Electoral Systems; Proportional Representation.
FINK, COLIN G., D.Phil., M.A. Bronze and Brass Ornamental Work (*in part*); Sculpture Technique (*in part*).
FIRTH, JOHN B. Burnham, Edward Levy Lawson.
FIRTH, R., M.A., Ph.D. Economics, Primitive; Labour, Primitive Maori; Property, Primitive; Trade, Primitive; Wealth, Primitive; etc
FISCHER, C. E. C. Asia (*in part*); India (*in part*).
FISCHER, EUGEN, D.Phil. Holstein, Friedrich von.
FISH, CARL RUSSELL, M.A., Ph.D. Wisconsin.
FISHBEIN, MORRIS, B.Sc., M.D. Quackery (*in part*).
FISHENDEN, MARGARET, D.Sc., F.Inst.P.
Smoke and Smoke Prevention (*in part*).
FISHER, A. Enamel (*in part*).
FISHER, IRVING, A.B., Ph.D. Dollar Stabilization.
FISHER, R. A., D.Sc. Biometry; Twins and Twinning.
FISHER, RUSSELL T. Cotton and the Cotton Industry (*in part*) Sailcloth and Sailmaking (*in part*).
FISKE, JOHN.
Grant, Ulysses Simpson (*in part*); Parkman, Francis.
FITCH, R. LOUISE, M.A. Coeducation; Sororities.
FITE, WILLIAM BENJAMIN. Differential Equations.
FITZMAURICE, THE RT. HON. LORD EDMUND, M.A., Litt.D F.B.A. Commons (*in part*).
FITZMAURICE-KELLY, JAMES, Litt.D., F.R.Hist.S.
Spanish Language and Literature (*part*); Picaresque Novel (*part*) Cervantes and other Spanish biographies.
FLACK, MARTIN, C.B.E., M.A., M.B. Aviation, Medical Aspects o
FLEMING, ALEXANDER, M.B., B.Sc., F.R.C.S.
Antiseptics and Asepsis (*in part*).
FLEMING, SIR JOHN AMBROSE, M.A., D.Sc., F.R.S. Electric Machine (*in part*); Electricity Supply, Technical Aspects (*in part*
FLEMING, MISS R. M. Russia (*in part*); Siberian Area (*in part* Tajik Republic; Tatar Republic; Ukraine (*in part*); etc.
FLEMING, WALTER LYNWOOD, A.M., Ph.D.
Lynch Law; Nullification; Secession.
FLETCHER, FRED. Angling (*in part*).
FLETT, SIR JOHN SMITH, K.B.E., M.A., D.Sc., LL.D., F.R.S. Andesite; Gabbro; Lamprophyres; Marble (*in part*); Neck; Neph line-Syenite; Porphyry; Rhyolite; etc.
FLEURE, HERBERT JOHN, D.Sc.
Asia (*part*); Europe (*part*); Germany (*part*); Tibet (*part*); etc.
FLEXNER, SIMON, M.D., LL.D.
Rockefeller Benefactions (*in part*); Spinal Meningitis.
FLINK, CARL. Radiator (*in part*).
FLINN, ALFRED DOUGLAS, B.S., D.A.S. Engineer, Professional.
FLOREY, H. W. Lymph.
FLUGEL, J. C., B.A. Feeling, Psychology of.
FLUX, ALFRED WILLIAM, C.B., M.A.
Production, Census of (*in part*); Statistics.
FOCH, FERDINAND, O.M. Army (*in part*).
FOEHRINGER, ANNA. Golitzin, Boris Borisovich.

FOERSTER, LIEUTENANT COLONEL WOLFGANG.
Hindenburg; Ludendorff (*in part*).
FOLIGNO, CESARE, M.A.
Italian Language, Modern; Italian Literature (*in part*).
FOLKS, HOMER, LL.D. Poor Law (*in part*).
FOLTIN, EDGAR M. Prison (*in part*).
FOOTE, ARTHUR DE WINT. Pneumatic Power Transmission.
FORBES, ALEXANDER, A.M., M.D. All-or-None Law.
FORD, LIEUTENANT-COLONEL C. W., R.A.
Ammunition (*in part*).
FORD, HENRY. Mass Production.
FORD, WALTER ARMITAGE JUSTICE, B.A.
Song (*in part*); Wolf, Hugo.
FOREMAN, LAUREN, PH.B. Southern Railway System.
FORREST, GEORGE TOPHAM, F.R.S.E., F.R.I.B.A., F.G.S.
School Architecture (*in part*).
FORSDYKE, E. J., M.A., F.S.A. Bronze and Brass Ornamental Work (*in part*); Crete (*in part*); Pottery and Porcelain (*in part*); etc.
FORTER, NORMAN L.
Bessarabia (*in part*); Dobruja (*in part*); Rumania (*in part*).
FORTESCUE, HON. SIR JOHN WILLIAM, K.C.V.O., LITT.D.
Peninsular War.
FORTESCUE-BRICKDALE, SIR CHARLES, F.R.G.S.
Land Titles (*in part*).
FORTIER, SAMUEL, M.E., D.Sc. Irrigation (*in part*).
FORWARD, ALEXANDER. Gas Manufacture (*in part*).
FOSDICK, RAYMOND BLAINE, M.A., LL.D.
New York City; Police (*in part*).
FOSTER, C. C. Singer Manufacturing Company, The.
FOSTER, JOHN B. Baseball (*in part*); Billiards (*in part*).
FOSTER, JOHN WATSON, A.M., LL.D. Harrison, Benjamin.
FOSTER, ROBERT FREDERICK. Poker.
FOTHERINGHAM, J. K., M.A., D.LITT. Eclipses, Ancient.
FOWLER, ALFRED, D. Sc., F.R.S. Spectroscopy.
FOWLER, W. WARDE, M.A. Fortuna; Mars.
FOX, LIEUTENANT-COLONEL CHARLES JAMES, F.R.G.S.
Salvage Corps (*in part*).
FOX, CHARLES J. J., PH.D., D.Sc., F.I.C.
Cellulose; Paper Manufacture; Paper Materials; Silk, Artificial.
FOX, CYRIL S. Bauxite (*in part*); Laterite.
FOX, EVELYN. Mental Deficiency (*in part*).
FOX, JAMES J., O.B.E., D.Sc., F.I.C.
Alcohol (*in part*); Salt (*in part*).
FOX, THOMAS WILLIAM. Spinning; Weaving (*in part*).
FOX-STRANGWAYS, A. H. Indian Music.
FRAME, JAMES EVERETT, A.M. Colossians, Epistle to the.
FRANCIS, A. G., B.Sc., F.I.C. Salt (*in part*).
FRANCIS, F., D.Sc., PH.D., F.I.C. Chemistry (*in part*).
FRANCIS, PERCY A., M.B.E.
Poultry and Poultry Farming (*in part*).
FRANK, HELENA. Yiddish Language and Literature (*in part*).
FRANK, TENNEY, PH.D. Italy (*in part*); Rome (*in part*).
FRANKLIN, ELLIS L., F.S.S. Arbitrage (*in part*).
FRANKLIN, PHILIP A. S.
International Mercantile Marine Company.
FRANTZ, HENRI.
Manet, Edouard; Puvis de Chavannes, Pierre Cécile (*in part*).
FRANZ, S. I., PH.D., LL.D.
Subnormal and Feebleminded, Education of.
FRASER, CAPTAIN IAN. Blindness (*in part*).
FRASER, JAMES E. Sculpture (*in part*).
FRASER, JOHN, M.A., LL.D. Scottish Literature (*in part*).
FRASER, J. S., M.B. Deaf Mutism, Medical Aspects of.
FRAZER, SIR JAMES GEORGE, O.M., F.R.S.
Praeneste (*in part*).
FREAR, WALTER FRANCIS, A.B., LL.D. Hawaii; Honolulu.
FREDERICK, J. GEORGE. Business Codes.
FREE, EDWARD ELWAY, A.B., PH.D.
Inventions; Noise and Its Control.
FREEMAN, DOUGLAS SOUTHALL, PH.D., LL.D.
Davis, Jefferson.
FREEMAN, EDWARD AUGUSTUS, LL.D. Goths (*in part*); Normans (*in part*); Sicily (*in part*); Syracuse (*in part*).
FREEMAN, FRANK N., M.A., PH.D. Visual Education.
FREEMAN, WILLIAM GEORGE, B.Sc., A.R.C.S. Coffee (*in part*).
FREESE, JOHN HENRY, M.A.
Hesiod (*in part*); Julian (*in part*); Leo VI.
FRENCH, NORMAN. Hardware (*in part*).
FRENCH, THOMAS E., M.A., D.Sc. Drawing Engineering.
FRERE, RT. REV. WALTER HOWARD. Plainsong.
FREUD, SIGMUND. Psychoanalysis: Freudian School.
FRIEDMAN, WILLIAM F., B.S. Codes and Ciphers.
FRIES, MAJOR-GENERAL AMOS ALFRED.
Chemical Warfare (*in part*).
FRIESEN, OTTO v. Runes.
FRITSCH, FELIX EUGEN, D.Sc., PH.D.
Algae, Bacillariales; Protophyta.
FRY, ROGER. Cézanne, Paul.
FUCHS, H. Disconto-Gesellschaft, Berlin.
FULLER, COLONEL JOHN FREDERICK CHARLES, C.B.E., D.S.O.
Cavalry; Tactical Formations; Tactics; etc.; Arras, Battle of; Neuve Chapelle, Battle of; etc.; Diadochi; Gaugamela; Jemappes; Macedonian Army; etc.
FURST, CLYDE, M.A., PH.D.
Pensions: The United States (*in part*); Philanthropy (*in part*).
FYFE, DAVID THEODORE, M.A., F.R.I.B.A.
Egyptian Architecture; Western Asiatic Architecture.
GABRIEL, R. H., M.A., PH.D. Long Island (*in part*).
GADD, C. J., M.A. Babylonian Law; Sumerian Language.
GAGER, C. STUART, A.B., PH.D., Sc.D.
Botanic Gardens (*in part*).
GAHAN, FRANK. Advertising (*in part*); Damages; Game Laws (*in part*); Gaming and Wagering (*in part*).
GAIRDNER, JAMES, C.B., LL.D.
Mary I.; Talbot (Family) (*in part*).
GALE, R. C., F.I.C. Explosives (*in part*).
GALLOTTI, JEAN. Wood-Carving (*in part*).
GALLOWAY, GEORGE, M.A., D.PHIL., D.D. Religion (*in part*).
GALTREY, SIDNEY, O.B.E., F.J.I.
Horse-Racing and Breeding (*in part*).
GAMBLE, W., F.R.P.S. Music Printing.
GANOE, WILLIAM A., A.M. Buena Vista; Chapultepec; Monterrey; Palo Alto; etc.; United States of America (*in part*).
GARBER, DANIEL. Landscape Painting (*in part*).
GARCKE, E., M.INST.E.E.
Electricity Supply: Commercial Aspects; Tramway (*in part*).
GARDINER, ALFRED G. Oxford and Asquith, Lord.
GARDINER, LINDA. Birds, Protection of.
GARDINER, SAMUEL RAWSON.
George I. (*in part*); George II.; George IV. (*in part*).
GARDNER, ERNEST ARTHUR, LITT.D., T.C.D.
Clazomenae; Inscriptions; Parthenon (*in part*); Propylaea.
GARDNER, E. G., LITT.D. Dante (*in part*).
GARDNER, MONICA M. Drama (*in part*).
GARDNER, PERCY, LITT.D., LL.D., D.C.L., F.S.A., F.B.A.
Demetrius; Greek Art; Lysippus.
GARDNER-SMITH, REV. P., B.D.
Peter, First Epistle of; Peter, Second Epistle of; etc.
GARNER, JAMES B., M.Sc., PH.D. Natural Gas.
GARNER, W. W., A.B., PH.D. Photoperiodism (*in part*).
GARNETT, RICHARD, C.B., LL.D. Anthology (*in part*); Satire (*in part*); Irving; Peacock, Thomas Love (*in part*); etc.
GARNETT, W., HON.D.C.L. Energy (*in part*).
GARNETT, W., B.Sc. Migration (*in part*).
GARRETT, HENRY E., M.A., PH.D. Differential Psychology.
GARROD, HEATHCOTE WILLIAM, C.B.E., M.A., F.R.L.S.
Wordsworth, William.
GARSTANG, JOHN, M.A., D.Sc., B.LITT., F.S.A.
Palestine (*in part*).
GARSTANG, WALTER, M.A., D.Sc., F.L.S.
Amphioxus; Pisciculture (*in part*); Tunicata.
GARSTIN, SIR WILLIAM EDMUND, G.C.M.G. Nile (*in part*).
GARVIE, REV. ALFRED ERNEST, M.A., D.D.
Devil; Eschatology, Immortality; Inspiration; Miracle; etc.
GARVIN, JAMES LOUIS, LITT.D.
Capitalism; English Speaking World; War Guilt (*in part*).
GASELEE, STEPHEN, C.B.E., M.A., F.S.A.
Foreign Office; Latin Literature (*in part*).

GASTER, LEON. Illuminating Engineering.
GASTER, MOSES, PH.D.
Bassarab; Gypsies (*in part*); Hasdeu; Sturdza; Vacarescu.
GATER, GENERAL GEORGE HENRY, C.M.G., D.S.O.
Polytechnics; Technical Education (*in part*).
GATLEY, CLEMENT, M.A., D.C.L., LL.D.
Guarantee (*in part*); Libel and Slander.
GAY, CARL WARREN, D.V.M., B.S.A. Cattle-Breeding (*in part*).
GAY, EDWIN FRANCIS, PH.D., LL.D. Hanseatic League.
GEDDES, NORMAN BEL. Theatre (*in part*).
GEDYE, NICHOLAS G., O.B.E., B.Sc., M.INST.C.E.
Breakwater; Canals and Canalised Rivers; Coast Protection and Land Reclamation (*in part*); Docks (*in part*); River and River Engineering (*in part*); etc.
GEIKIE, SIR ARCHIBALD, F.R.S.
Hutton, James (*in part*); Vesuvius (*in part*).
GELDER, H. E. VAN.
Glass (*in part*); Pottery and Porcelain (*in part*).
GELDNER, KARL FRIEDRICH. Zend-Avesta (*in part*).
GEORGE, WILLIAM R. George Junior Republic, The.
GERAUD, ANDRE. Delcassé, Théophile.
GERHARDT, PAUL L., L.B. Port Operation (*in part*).
GESELL, ARNOLD, PH.D., M.D. Child Psychology.
GEYL, PIETER, LITT.D. Holland (*in part*); William (The Silent).
GIBB, H. A. R. Arabic Literature (*in part*).
GIBBONS, CEDRIC. Motion Pictures (*in part*).
GIBSON, ARNOLD HARTLEY, D.Sc., M.INST.C.E., M.I.MECH.E.
Hydraulic Machinery; Hydraulic Power Transmission; Hydraulics; Pump; Tidal Power; Turbine: Water; etc.
GIDE, CHARLES. Economic Man; Land Nationalization.
GIFFEN, SIR ROBERT, K.C.B., F.R.S.
Bagehot, Walter; Balance of Trade (*in part*).
GIFFORD, R. H. Sausages (*in part*).
GIFFORD, WALTER SHERMAN, A.B., LL.D.
American Telephone and Telegraph Company; Telephone.
GILBERTSON, MAJOR GEORGE WATERS. Balochi Language.
GILES, GEORGE W., F.R.H.S. Allotment.
GILES, PETER, M.A., LL.D., LITT.D., F.B.A. Indo-Europeans.
GILL, SIR DAVID, K.C.B., LL.D., F.R.A.S., D.Sc., F.R.S.
Telescope (*in part*).
GILL, ERIC. Stone Carving.
GINSBERG, J., M.A. Euler Numbers; Stirling Numbers.
GINSBERG, M., M.A., D.LITT. Social Philosophy.
GIRARD, SIR JOSEPH.
Nord de France, Compagnie des Chemins de Fer du.
GIRAUD, JEAN. Stendhal.
GISH, LILLIAN. Motion Pictures (*in part*).
GITTINGER, ROY, PH.D. Oklahoma.
GLADSTONE, REGINALD JOHN, D.P.H., F.R.C.S., L.R.C.P.
Brain (*in part*); Embryo (*in part*).
GLASGOW, GEORGE. Beneš; Locarno, Pact of; Masaryk.
GLAZEBROOK, A. J. Canada (*in part*).
GLAZEBROOK, SIR RICHARD TETLEY, K.C.B., D.Sc., F.R.S.
Aeronautics; Newton, Sir Isaac; Research, Industrial (*in part*).
GLEASER, MARTIN G., PH.D. Public Utilities.
GLEICHEN, MAJOR-GENERAL LORD EDWARD, K.C.V.O., C.M.G., D.S.O. Abyssinia (*in part*).
GLOAG, W. M., K.C., B.A., LL.D. Scots Law.
GLOVER, ARNOLD, M.A., LL.B. Layard, Sir Austen Henry (*in part*).
GODDARD, HENRY HERBERT, A.M., PH.D.
Feeblemindedness; Mental Deficiency (*in part*).
GODFREY, HUGH, M.A. Dial and Dialling (*in part*).
GOEJE, MICHAEL JAN DE. Arabic Literature (*in part*).
GOEPEL, A. Friedrich Krupp Aktiengesellschaft.
GOETHALS, GEORGE WASHINGTON, LL.D., D.S.M.
Panama Canal (*in part*).
GOETZ, HERMANN, PH.D.
Mohammedan Architecture; Mohammedan Art.
GOFTON, ARTHUR, F.R.C.V.S. Abattoir.
GOITEIN, HUGH. Jurisprudence; Jurisprudence, Comparative (*in part*); Sale of Goods (*in part*).
GOLDIE, SIR GEORGE TAUBMAN, P.C., K.C.M.G., HON.D.C.L., F.R.S. Brazza, Pierre Paul François.
GOLDING, C. E., LL.D., F.S.S. Reinsurance (*in part*).
GOLDSMID, MAJOR-GENERAL SIR FREDERICK JOHN. Timūr.
GOLDSMITH, ALFRED N., B.S., PH.D. Sound Motion Pictures.
GOLDSTONE, F. W. Educational Associations (*in part*).
GOLLANCZ, SIR ISRAEL, LITT.D., F.B.A. Pearl, The.
GOMME, LADY. Children's Games (*in part*).
GOOD, WILLIAM A., B.S. Canoe (*in part*).
GOODE, SIR WILLIAM A. M., K.B.E.
Bethlen, Count; Hungary (*in part*).
GOODRICH, EDWIN STEPHEN, M.A., F.R.S.
Evolution, Organic (*in part*).
GORDON, REV. ALEXANDER, M.A.
Blandrata, Giorgio; Buckholdt, Johann; Bullinger, Heinrich; Knipperdollinck, Bernt; Socinus (*in part*); etc.
GORELL, LORD, C.B.E., M.C., M.A.
Teachers Registration Council.
GORMAN, J. E. Chicago, Rock Island and Pacific Railroad Company.
GOSSE, SIR EDMUND, M.A., C.B., LL.D., HON.LITT.D.
Biography (*in part*); Novel (*in part*); Verse (*in part*); etc.; Swedish Language and Literature (*in part*); and biographies of English and foreign poets and writers.
GOSSE, PHILIP, M.D., M.R.C.S., L.R.C.P. Pirates and Piracy (*part*).
GOUGH, ALFRED BRADLEY, M.A., PH.D.
Swabian League; Westphalia, Treaty of.
GOUGH, HERBERT JOHN. Fatigue of Metals; Heliotherapy.
GOULD, F. A., M.A. Balance; Barometer.
GOULD, GERALD, B.A. Wells, Herbert George.
GOULD, LIEUTENANT COMMANDER R. T., R.N. Chronometer.
GOULDEN, C. B., M.A., M.CH., M.D., F.R.C.S.
Vision or Sight (*in part*).
GOULINAT, JEAN GABRIEL. Oil Painting, Technique of; Paintings, Restoration and Preservation of (*in part*).
GOURLEY, H. J. F., M.ENG., M.INST.C.E., F.G.S. Water Supply.
GRACE, E. G. Bethlehem Steel Corporation.
GRACE, HARVEY. Festivals, Musical.
GRACEY, D. A., F.I.C. Tobacco.
GRAFF-BAKER, W. S., B.Sc., A.C.G.I., M.INST.T. Escalators.
GRAFLY, CHARLES AND DOROTHY. Sculpture (*in part*).
GRAHAM, JOHN, L.T.S.C. Tonic Sol-Fa.
GRAHAM, WILLIAM, P.C., M.A. General Strike (*in part*).
GRANT, NEIL FORBES, C.B.E., M.A. Portugal (*in part*).
GRANT, LIEUTENANT-COLONEL R. C., O.B.E. Toc H.
GRANT, WILLIAM LAWSON, M.A., LL.D.
Brown, George; Galt, Sir Alexander; Mackenzie, William Lyon.
GRAVES, PHILIP. Druses (*in part*); Lebanon (*in part*); Mesopotamia (*in part*); Palestine (*in part*).
GRAY, CARL R. Union Pacific Railroad System.
GRAY, GEORGE BUCHANAN, M.A., D.D., D.LITT.
Bible (*in part*).
GRAY, J. Fertilization.
GREAVES, J. L. Cardboard.
GREAVES, W. M. H., M.A., F.R.S. Photometry (*in part*).
GREEN, ARTHUR GEORGE, M.Sc., F.I.C., F.R.S. Dyes, Synthetic
GREEN, MARGARET M., M.A.
Education (*in part*); Infant Schools; etc.
GREEN, WILLIAM. American Federation of Labor.
GREENE, NATHAN, A.B., LL.B., S.J.D. Injunction (*in part*).
GREENISH, HENRY GEORGE, F.I.C., F.L.S. Pharmacy (*in part*).
GREENLEAF, WALTER J., A.M., PH.D.
Land-Grant Colleges and Universities.
GREENWOOD, ARTHUR.
Trades Union Congress; Trade Unions (*in part*).
GREENWOOD, MAJOR, F.R.C.P., F.R.S. Epidemiology (*in part*).
GREGORY, JOHN WALTER, D.Sc., F.R.S.
Africa (*in part*); Colour and Race (*in part*).
GREGORY, MONTGOMERY. Negro, The American (*in part*).
GREGORY, THEODOR E., D.Sc. Bank Charter Act; Central Bank Great Britain (*in part*); Inflation and Deflation; etc.
GREGORY, WILLIAM BENJAMIN, M.E., M.M.E.
New Orleans (*in part*).
GREGORY, WILLIAM KING, A.M., PH.D.
Ancylopoda; Mammalia; Marsupialia; Monotremata; Perissodactyla; Primates (*in part*); Ungulata.
GRENFELL, SIR WILFRED, K.C.M.G., M.D., F.R.C.S., L.R.C.P., LL.D. Labrador; Newfoundland (*in part*).

GRENSTED, REV. LAURENCE WILLIAM, B.D. Atonement.
GRETTON, R. H., M.A. English History (*in part*).
GREVE, CHARLES THEODORE, A.B., LL.B. Cincinnati.
GREY, EGERTON C. Fermentation.
GREY, FRANCIS TEMPLE, M.A. Capital Punishment; Extradition (*in part*); Insanity in Law (*in part*); Medical Jurisprudence (*in part*).
GRIESEMER, DOUGLAS. Red Cross (*in part*).
GRIEVE, REV. ALEXANDER JAMES, M.A., D.D. Catechism; Preaching; Primitive Methodists (*in part*); Septuagint; Swedenborg, Emanuel (*in part*); etc.
GRIFFIN, H. W. Shipping, War Losses of.
GRIFFIN, W. LASHFORD. Chain Manufacture (*in part*).
GRIFFISS, BARTOW, A.B., PH.D. Instalment Selling (*in part*).
GRIFFITH, FRANCIS LLEWELLYN, M.A., PH.D., F.S.A., F.B.A. Demotic Language and Writing; Egypt (*in part*); Egyptian Language; Hieroglyphs; Nubian Language and Writing; etc.
GRIGGS, LAURA T., A.B. Valley of Ten Thousand Smokes.
GRIMSHAW, HAROLD ATHELING, M.Sc. Hours of Labour (*in part*).
GRIMWOOD, HERBERT H. Wood-Carving (*in part*).
GROGAN, ELINOR F. B. (LADY GROGAN). Bulgaria (*in part*).
GROOM, PERCY, M.A., D.Sc., F.R.S. Dry Rot; Timber; Wood.
GROSS, CHARLES, A.M., PH.D., LL.D. Guilds.
GROSSMAN, MOSES H. Industrial Relations (*in part*).
GROSVENOR, GILBERT, A.M., LITT.D., LL.D. National Geographic Society.
GRUFFYDD, WILLIAM JOHN, M.A. Welsh Language and Literature.
GRUGER, F. R. Illustration.
GRUNDY, GEORGE BEARDOE, M.A., D.LITT. Graeco-Persian Wars; Greece (*in part*).
GRUNTZEL, JOSEPH, PH.D. Commercial Treaties (*in part*).
GRUSON, M. Est de France, Compagnie des Chemins de Fer.
GUILDAY, PETER. Roman Catholic Church (*in part*).
GUILLAUME, M. Lyautey, General; Mangin, General; Nivelle, General.
GUILLEBAUD, CLAUDE W. Luxury; Luxury Taxes (*in part*); Malthus; Marshall, Alfred.
GULICK, LUTHER. Mayor (*in part*).
GULL, E. M., M.A. Wei-Hai-Wei.
GUMMER, C. F., M.A., PH.D. Triangle.
GUNTHER, R. T., M.A., HON.LL.D., F.R.G.S., F.L.S. Armilla or Armillary Sphere; Astrolabe; Dial and Dialling (*in part*).
GUTHRIE, E. S., B.S.A., M.S., PH.D. Butter (*in part*).
GUTTERIDGE, G. H., M.A. British Honduras (*in part*); Bahamas (*in part*); Whig and Tory.
GWYNN, DENIS. Irish Free State (*in part*).
GWYNN, STEPHEN LUCIUS. Collins, Michael; Cosgrave, W. T.; Griffith, Arthur; Healy, T. M.; Irish Free State (*in part*).
GWYNNE, MAJOR F. W. W. Lena Goldfields Limited.
HAAS, W. H. Chile (*in part*).
HACKETT, CHARLES WILSON, M.A., PH.D. Mexico (*in part*).
HACKFORTH, E. Invalidity Pensions; National Insurance; Health (*in part*).
HACKIN, J. Tibetan Art.
HADDON, ALFRED CORT, Sc.D., F.R.S. Migration (*in part*); New Guinea (*in part*).
HADFIELD, SIR ROBERT A., D.Sc., M.INST.C.E., M.I.M.E., F.R.S. Engineering Education (*in part*).
HADOW, SIR WILLIAM HENRY, C.B.E., HON.D.MUS., LL.D., LITT.D., F.R.S.L., F.R.C.M. Bach; Haydn; Schubert.
HAGEDORN, HERMANN, A.B. Roosevelt, Theodore.
HAIG, LIEUTENANT-COLONEL SIR THOMAS WOLSELEY, K.C.I.E., C.S.I., C.M.G., C.B.E., M.A. Afghanistan (*in part*).
HAINES, A. H. Farm Buildings.
HALDANE, ELIZABETH SANDERSON, C.H., LL.D., J.P. Nursing (*in part*).
HALDANE, JOHN BURDON SANDERSON, M.A. Heredity (*in part*); Selection (*in part*).
HALE, EDWARD EVERETT. Clarke, James Freeman; Everett, Edward.
HALE, GEORGE ELLERY, Sc.D., LL.D., PH.D. Spectroheliograph.
HALE, ROBERT L., A.M., LL.B., PH.D. Compensation (*in part*).
HALECKI, O., D.PH. Universities (*in part*).
HALFORD, JEANETTE, O.B.E. Baby Farming; Foundling Hospitals (*in part*).
HALL, SIR ALFRED DANIEL, K.C.B., M.A., HON.LL.B., HON.D.Sc., F.R.S. Agricultural Organization; Agriculture: A General Survey (*in part*).
HALL, CHARLES HENRY, B.A. Motor-Boat (*in part*).
HALL, GEORGE W. American Tobacco Company.
HALL, HARRY REGINALD HOLLAND, M.A., D.LITT., F.B.A., F.S.A. Archaeology (*in part*); Chronology (*in part*); Dress (*in part*); Egypt (*in part*); etc.
HALL, RICHARD B., A.M., PH.D. Haiti; Santo Domingo.
HALL, RICHARD B. Title Insurance or Guarantee of Title.
HALL, R. DAWSON. Anthracite (*in part*); Coal and Coal Mining (*in part*); Physical Resources (*in part*).
HALL, WILLIAM CLARKE. Borstal System; Children, Protective Laws (*in part*); Probation (*in part*); etc.
HALLETT, R. L., E.M. Lead (*in part*).
HALLIDAY, FRANK W., A.M. Martial Law (*in part*); Military Law (*in part*).
HALLIDAY, WILLIAM REGINALD, M.A., B.LITT. Folklore.
HALLIWELL, W. J. T. Pilotage Laws (*in part*).
HALPHEN, LOUIS. Anjou; Fulk Nerra.
HAMER, S. H. Monuments, Preservation of (*in part*).
HAMILTON, A. R. Cane Fencing; Epée-de-Combat (*in part*); Fencing (*in part*); etc.
HAMILTON, MARY AGNES. MacDonald, James Ramsay.
HAMLIN, TALBOT F., B.A., B.ARCH. Byzantine and Romanesque Architecture; Gothic Architecture; Governmental Architecture; etc.
HAMMER, S. C., M.A. Drama (*in part*); Norway (*in part*); Norwegian Language and Literature (*in part*).
HAMMOND, JOHN LAWRENCE (LE BRETON). Industrial Revolution, The.
HAMMOND, COLONEL JOHN S. Ice Hockey (*in part*).
HAMOR, WILLIAM A. Motor Car Engines: Their Operation and Care; Research, Industrial (*in part*).
HAMPDEN, WALTER, M.A., LITT.D. Booth, Edwin (Thomas).
HANDLEY, L. DE B. Swimming (*in part*).
HANNAUER, GEORGE. Boston and Maine Railroad.
HANNAY, DAVID. Byng, John; Fisher, J. A. (*in part*); Fox, Charles James (*in part*); Nelson (*in part*); Pepys (*in part*); St. Vincent, John Jervis; etc.
HANSEN, HARRY. Lawson, Victor Fremont.
HANTON, W. A., M.Sc.TECH. Cotton and the Cotton Industry (*in part*); Weaving (*in part*).
HARADA, JIRO. Interior Decoration (*in part*); Ivory Carving (*in part*); Japanese Architecture; Japanese Sculpture; etc.
HARAHAN, W. J. Chesapeake and Ohio Railway Company.
HARBORD, JAMES G., B.S. Radio Corporation of America.
HARDEN, ARTHUR, D.Sc., PH.D., F.R.S. Vitamins.
HARDENBERGH, WESLEY, B.LITT. Ham (*in part*); Meat Trade (*in part*).
HARDENBERGH, W. A. Refuse Disposal.
HARDENBURG, E. V., M.S.A., PH.D. Potato (*in part*).
HARDMAN, REV. OSCAR. Fasting.
HARDY, JOHN I. Wool (*in part*).
HARGROVE, W. H., B.S. Consolidated School (*in part*).
HARLEY, WILLIAM S., B.S. Motorcycles (*in part*).
HARMER, SIR SIDNEY FREDERIC, K.B.E., M.A., D.Sc., F.R.S. Cetacea; Polyzoa; Pterobranchia.
HARNACK, ADOLF. Millennium; Montanism (*in part*); Neoplatonism (*in part*); Origen; Sabellius; etc.
HARPER, IDA HUSTED. Women's Suffrage (*in part*).
HARPER, VICE-ADMIRAL JOHN ERNEST TROYTE, M.V.O., C.B. Falkland Islands, Battle of; "Goeben" and "Breslau"; Navigation.
HARRINGTON, REV. H. Roman Catholic Church (*in part*).
HARRIS, G. MONTAGU, O.B.E. Taxation, Local (*in part*).
HARRIS, WALTER BURTON, F.R.G.S., F.S.A. Abdel Krim; Tangier (*in part*).
HARRISON, AUSTIN. Harrison, Frederic.
HARRISON, FREDERIC, LITT.D. Ruskin, John.
HARRISON, G. B. Compass (*in part*).
HARRISON, H. AINSWORTH, M.Sc., PH.D., A.I.C. Fluorene; Naphthalene.
HARRISON, H. S. Material Culture.

HARRISON, COLONEL LAWRENCE WHITAKER, D.S.O., F.R.C.P., R.A.M.C. Salvarsan; Venereal Diseases (*in part*); Wassermann Reaction.

HARRISON, ROBERT WILLIAM F. Royal Society (*in part*); Violin (*in part*).

HART, ALBERT BUSHNELL, LL.D., L.H.D. United States of America (*in part*).

HART, HEBER, K.C., LL.D. Auctions and Auctioneers (*in part*).

HART, JOHN HENRY ARTHUR, M.A. Asmoneus; Josephus, Flavius (*in part*); Sibylline Oracles (*in part*).

HARTFORD, J. A. Great Atlantic and Pacific Tea Company.

HARTLEY, BRIGADIER-GENERAL SIR HAROLD BREWER, C.B.E., M.A., F.R.S. Chemical Warfare (*in part*).

HARTLEY, R. V. L., A.B., B.Sc. Amplifiers.

HARVEY, E. MURRAY. Yugoslavia (*in part*).

HARVEY, E. NEWTON. Phosphorescence.

HARVEY, F. T., F.R.C.V.S. Veterinary Science (*in part*).

HARVEY, THOMAS EDMUND, M.A. Fox, George.

HASELOFF, ARTHUR. Illuminated Manuscripts.

HASKELL, WILLIAM N., D.S.M. Militia (*in part*).

HASSELKUS, J., A.M.MECH.I., F.O.S. Binocular Instrument.

HASTINGS, SOMERVILLE, M.S., F.R.C.S. Sinus.

HATCH, FREDERICK HENRY, O.B.E., PH.D., M.INST.C.E. China-Clay (*in part*); Hæmatite; Limonite; Ore Deposits; etc.

HATSCHEK, EMIL, F.INST.P. Colloids; Viscosity.

HAUCK, ALBERT, D.TH., PH.D. Church History (*in part*); Relics.

HAUGHTON, JOHN L., D.Sc., F.INST.P., F.R.A.S. Metals.

HAUST, JEAN. Walloon Literature.

HAVERFIELD, FRANCIS JOHN, M.A., LL.D., F.S.A., F.B.A. Boadicea; Britain (*in part*); Caledonia (*in part*); Ermine Street; Gaul (*in part*); Roman Army; Spain (*in part*).

HAWORTH, W. N. Carbohydrates.

HAWTREY, RALPH GEORGE. Banking and Credit (*in part*); Exchequer (*in part*); Finance; Great Britain (*in part*); Money.

HAY, ALEXANDER, N.D.A., N.D.D. Milk (*in part*).

HAYES, CARLTON HUNTLEY, A.M., PH.D. Gelasius (*in part*); Guibert; Lucius (*in part*); Matilda, Countess of Tuscany; Paschal II.; Sixtus IV. (*in part*); Victor (*in part*).

HAYNES, EDMUND SIDNEY POLLOCK. Civil Liberty (*in part*).

HAYNES, GEORGE EDMUND, A.M., PH.D. Negro, The American (*in part*).

HAYS, ARTHUR GARFIELD, M.A., LL.B. Theatres, Law Relating to (*in part*).

HAYWOOD, HAROLD LE ROY. Freemasonry (*in part*).

HAZLETT, OLIVE CLIO, PH.D. Quaternions.

HEADLAM, RT. REV. ARTHUR CAYLEY, M.A., D.D. Prayer, Book of Common (*in part*).

HEADLAM-MORLEY, JAMES WYCLIFFE, C.B.E., M.A. Benedetti, Vincent; Caprivi; Germany (*in part*).

HEARNSHAW, FOSSEY JOHN COBB, M.A., LL.D. English History (*in part*).

HEATH, DUDLEY. Art Teaching (*in part*).

HEATH, SIR THOMAS LITTLE, K.C.B., K.C.V.O., Sc.D., F.R.S. Apollonius of Perga; Archimedes; Diophantus; Euclid; Nicomachus; Pappus of Alexandria; Ptolemy (*in part*); Pythagoras; etc.

HEAWOOD, EDWARD, M.A. Elgon; Tanganyika Territory (*in part*).

HECKEL, G. B. Interior Decoration (*in part*).

HECKSTALL-SMITH, MAJOR BROOKE. Yachting (*in part*).

HEDDEN, WALTER PAGE, A.M. Railways (*in part*).

HEDGES, KILLINGWORTH, M.INST.C.E., M.I.E.E. Lightning Conductor.

HEDLEY, FRANK. Interborough Rapid Transit Company.

HEDLEY, RT. REV. JOHN CUTHBERT, O.S.B., D.D. Transubstantiation *in part.*

HEDRICK, ULYSSES PRENTISS, M.S., D.Sc. Peach; Pear; Plum; Quince, *in part.*

HEINE-GELDERN, ROBERT, FREIHERR von. Indonesia (*in part*).

HEINICKE, A. J., B.S.AGRL., M.A., PH.D. Fruit Farming (*in part*).

HEISE, G. W., M.S. Battery, Electric (*in part*).

HELDT, P. M., B.E.E. Motor Vehicles, Commercial (*in part*); Speedometers; Tractors.

HELE-SHAW, HENRY SELBY, D.Sc., LL.D., M.INST.C.E., M.I.MECH.E., F.R.S. Power Transmission (*in part*).

HEMPELMANN, FRIEDRICH, D.PH. Psychology, Comparative.

HEMPHILL, R. T. Fair (*in part*).

HENDERSON, A. F. Fireproofing (*in part*).

HENDERSON, BERNARD WILLIAM, M.A., D.LITT. Peloponnesian War.

HENDERSON, G. G., M.A., D.Sc., LL.D., F.R.S. Terpenes.

HENDERSON, HERBERT J. C. Motor Car (*in part*).

HENDERSON, HUBERT DOUGLAS. Cotton Control Board, The.

HENDERSON, JAMES, M.A., D.Sc. Mathematical Tables.

HENDERSON, PETER. Horticulture (*in part*).

HENDRICK, BURTON JESSE, M.A. Page, Walter Hines.

HENDRIE, J. M., M.A. National Insurance, Widows and Orphan Pensions; Old Age Pensions.

HENKE, E. Rheinisch-Westfalische Elektrizitatswerk.

HENNESSY, HARRIET L., L.R.C.S.I., L.R.C.P.I., M.D. Intestinal Obstruction; Plague (*in part*).

HENRY, R. M., M.A. Drama (*in part*).

HENRY, THOMAS ANDERSON, D.Sc. Alkaloids; Cinchona Bark Alkaloids of; Glucosides, Natural.

HENRY, WILLIAM. Water Polo.

HENSHAW, F. F., B.Sc. Physical Resources (*in part*).

HENSON, THE RT. REV. HERBERT HENSLEY, M.A., D.D. Bible (*in part*); Church and State.

HERBERT, S., M.A. Syndicalism (*in part*).

HERBERT, WILLIAM DE BRACY. Arrest (*in part*); Bribery (*in part*) Criminal Law (*in part*); Infanticide (*in part*); etc.

HERIOT, T. H. P., F.I.C. Sugar (*in part*).

HERMANNSSON, HALLDOR. America (*in part*); Vinland.

HERON, HAROLD, F.C.S. Starch.

HERR, EDWIN MUSSER, PH.D., D.Sc. Westinghouse Electric and Manufacturing Company.

HERRIOT, EDOUARD. Danton; Jaurès, Auguste Marie.

HERROD-HEMPSALL, J. Bee-Keeping (*in part*).

HERTY, JR., CHARLES HOLMES, M.S., Sc.D. Physical Resources (*in part*).

HERTZ, VERY REV. JOSEPH HERMAN, PH.D., LITT.D. Jews (*in part*).

HERVEY, JOHN L. Horse-Racing and Breeding (*in part*).

HERZBERG, MAX J., A.B. Crane, Stephen.

HERZFELD, ERNST. Persepolis (*in part*).

HESPELT, E. H., A.M., PH.D. Spanish American Literature (*part*).

HESSE, R. Distribution of Animals.

HESSELS, JOHN HENRY, M.A. Gloss and Glossary (*in part*); Gutenberg, Johann.

HEWER, C. LANGTON, M.B., B.S., M.R.C.S., L.R.C.P. Scopolamine.

HEWINS, WILLIAM ALBERT SAMUEL, M.A. Protection (*in part*).

HEWITT, JOHN THEODORE, M.A., D.Sc., PH.D., F.R.S. Nitrogen, Fixation of (*in part*).

HEYNEMAN, JULIE HELEN. Sargent, John Singer.

HEYWOOD, LIEUTENANT-COLONEL T. G. G. Intelligence, Military; Serbian Campaigns.

HIATT, WALTER SANDERS. Circulars and Circularizing; Clubs (*in part*); Syndicate (*in part*).

HIBBERT, EVA, M.Sc.TECH. Calico-Printing; Mercerizing; Textile Printing (*in part*); etc.

HICKS, G. D. Knowledge, Theory of.

HICKS, ROBERT DREW, M.A. Stoics.

HIGGINSON, A. HENRY, A.B. Hunting (*in part*).

HIGGINSON, CHARLES JAMES, C.B.E. Restriction of Enemy Supplies Department.

HIGGS, HENRY, C.B., LL.B. Budget (*in part*).

HILDEBRAND, KARL, D.PHIL. Sweden (*in part*).

HILDITCH, T. P., D.Sc., F.I.C. Glycerine.

HILL, A. V., O.B.E., Sc.D., F.R.S. Muscle and Muscular Exercise.

HILL, GEORGE FRANCIS, M.A. Numismatics (*in part*).

HILL, JAMES M., B.S. Physical Resources (*in part*).

HILL, SIR LEONARD ERSKINE, M.B., F.R.S. Aerotherapeutics; Kata Thermometer; Light and Radiation in Relation to Health.

HILL, ROBERT T., A.B., PH.D. Education (*in part*).

HILLS, NINA L. (HON. MRS. EUSTACE HILLS). Day Nurseries.

HILTON, JOHN. Associations, Industrial; Combination in Industry; Competition in Industry; Strikes and Lock-outs (*in part*); Trusts; Unemployment Statistics (*in part*); etc.

HINCHLEY, JOHN WILLIAM, F.I.C., M.I.CHEM.E.
Chemical Engineering.
HIND, ARTHUR M., O.B.E., M.A., F.S.A. Engraving.
HIND, H. LLOYD, B.Sc., F.I.C. Beer (*in part*); Brewing (*in part*).
HIND, J. R. London and North Eastern Railway Company, The.
HIPKINS, ALFRED J., F.S.
Pianoforte (*in part*); Pitch, Musical (*in part*).
HIPPISLEY, COLONEL RICHARD LIONEL, C.B., F.R.A.S., F.R.S.
Linkages.
HIRN, YRJO. Finnish Literature.
HIROSE, ARTHUR P. Washing Machines.
HIRSCH, EMANUEL. Creeds (*in part*).
HITCHCOCK, ELDRED F., C.B.E. Wool, War Control of.
HOBDAY, F.T.G., C.M.G., F.R.C.V.S., F.R.S.E. Canine Distemper.
HOBHOUSE, L. T. Comparative Ethics; Comparative Psychology.
HOBSON, CHARLES KENNETH.
Capital, Export of; Profiteering (*in part*).
HOBSON, JOHN ATKINSON, M.A. Unemployment.
HOBSON, ROBERT LOCKHART. Pottery and Porcelain (*in part*).
HOCHWALT, A. F. Dog (*in part*).
HOCKING, WILLIAM E., A.M., PH.D., L.H.D.
Royce, Josiah (*in part*).
HODGE, FREDERICK W.
Cliff-Dwellings; North America (*in part*); Scalping.
HODGKIN, MAJOR ADRIAN ELLIOTT, M.C., M.A., F.I.C.
Bleaching Powder; Chlorine; Hydrochloric Acid; Soda; etc.
HODGKIN, THOMAS, B.A., LL.D., D.LITT.
Alaric (*in part*); Ravenna (*in part*); Vandals (*in part*).
HODGKINSON, WILLIAM R., C.B.E., PH.D., F.R.S.E.
Explosives (*in part*); Incendiary Mixtures; Lead Azide; Mercury, Fulminate of; Picric Acid, etc.
HODGSON, W. C. Herring.
HODOUS, LEWIS, M.A., D.D. Confucianism; Taoism.
HODSON, WILLIAM, A.B., LL.B.
Children, Protective Laws (*in part*); Legitimacy and Legitimation (*in part*); Social Service (*in part*).
HOFFMAN, ALBERT L.
International Telephone and Telegraph Corporation, The.
HOFFMAN, JOSEF.
Art Teaching (*in part*); Interior Decoration (*in part*).
HOGARTH, DAVID GEORGE, M.A., C.M.G., D.LITT., F.B.A.
Aegean Civilization (*in part*); Asia Minor (*in part*); Ephesus; Syria (*in part*); etc.; Lawrence, T. E. (*in part*); Schliemann.
HOGBEN, L.T., M.A., D.Sc. Cell; Chromosome; Comparative Physiology; Cytology (*part*); Endocrinology (*part*); Homology; Nucleus.
HOGG, HOPE W., M.A. Mesopotamia (*in part*).
HOLDEN, ARTHUR C., B.ARCH., M.A.
House Planning (*in part*); Social Architecture (*in part*).
HOLDEN, HALE.
Chicago, Burlington and Quincy Railroad Company.
HOLDICH, COLONEL SIR THOMAS HUNGERFORD, K.C.M.G., K.C.I.E., HON. D.Sc. Chitral (*in part*); Kabul; Kalat; North-West Frontier Province (*in part*); Quetta.
HOLLAND, EARDLEY L., M.D., F.R.C.S., F.R.C.P. Gynaecology.
HOLLAND, RAYMOND PRUNTY. Shooting (*in part*).
HOLLIDAY, TERANCE B. Book-Selling (*in part*).
HOLLINGWORTH, LETA S., M.A., PH.D. Family Psychology.
HOLLIS, H. P., B.A., F.R.A.S
Observatory, Astronomical; Photography, Celestial (*in part*).
HOLLOWAY, EMORY, A.M. Whitman, Walt.
HOLLOWAY, JR., J. W., B.A., LL.B. Medical Legislation (*in part*).
HOLLWEG, ADMIRAL CARL. Tirpitz, Alfred von (*in part*).
HOLMES, SIR CHARLES JOHN, K.C.V.O., M.A., D.LITT.
Constable, John.
HOLMES, E., PH.D., A.I.C. Chemistry (*in part*); Distillation.
HOLMES, EDWARD MORELL. Opium (*in part*); Pharmacopoeia.
HOLMES, O. W. Carver, Jonathan.
HOLROYD, SIR CHARLES. Legros, Alphonse (*in part*).
HOLSTEIN, OTTO. Chan Chan; Trujillo.
HOLTZHEUER, WILLIAM.
Continental Caoutchouc and Gutta Percha Compagnie.
HONEY, W. B. Pottery and Porcelain (*in part*).
HOOPER, FRANKLIN HENRY, A.B.
Hancock, W. S.; Harvard University; Liberty Loans.
HOPKINS, ALBERT ALLIS. Fire Escapes (*in part*).
HOPKINS, SIR FREDERICK GOWLAND, M.A., M.B., D.Sc., LL.D., F.R.C.P., F.R.S. Cystine; Glutathione.
HOPKINSON, SIR ALFRED, K.C., M.A., B.C.L., LL.D.
Adoption; Legitimacy and Legitimation (*in part*).
HOPWOOD, F. LLOYD, D.Sc., A.R.C.Sc., F.INST.P.
Physics in Medicine.
HORE, SIR ADAIR, K.B.E., C.B. War Pensions.
HORNADAY, WILLIAM TEMPLE, Sc.D., PH.D. Game Laws (*part*).
HORNE, REV. DOM. E., F.S.A. Glastonbury.
HORNER, FRED. Brake; Brazing and Soldering; Clutch; Fans; Lathe; Machine Tools (*in part*); etc.
HORNER, J. G., A.M.I.MECH.E. Screw; Tool.
HORST, E. CLEMENS. Hop, Cultivation of (*in part*).
HOSE, CHARLES, F.R.G.S., F.R.C.I., F.R.S.A. Beri-Beri; Blackwater Fever (*in part*); Borneo (*in part*); Brunei (*in part*); Java (*in part*); Malay Archipelago (*in part*); Sumatra (*in part*); etc.
HOSTER, MRS. CONSTANCE, F.I.P.S., F.I.S.A.
Forms of Address (*in part*).
HOTINE, CAPTAIN H., R.E. Stereophotogrammetry.
HOUGH, HENRY BEETLE, B.LITT. Martha's Vineyard; Nantucket.
HOUGHTON, A. E. Serrano, Francisco; Spain (*in part*).
HOUSE, COLONEL EDWARD MANDELL.
Paris, Conference of (*in part*).
HOUSE, M. M., D.D.S. Teeth, Artificial.
HOUSEMAN, C. R., B.A. Oxygen.
HOUSTON, SIR ALEXANDER C., K.B.E., C.V.O., M.B., D.Sc., F.R.S.E. Water Purification.
HOUTSMA, M. T. Seljūks (*in part*).
HOVEY, REV. HORACE CARTER, A.M., D.D. Luray Cavern.
HOWARD, ALEXANDER L. Teak (*in part*).
HOWARD, LELAND OSSIAN, PH.D., M.D., LL.D., Sc.D.
Chinch Bug; Colorado Potato Beetle; European Corn Borer; Harlequin Cabbage Bug; Wooly Apple Aphis; etc.
HOWARTH, F., B.Sc. Bryophyta.
HOWARTH, OSBERT JOHN RADCLIFFE, O.B.E., M.A.
Ireland; London, Norway, Scotland, *in part*.
HOWE, C. D., M.S., PH.D. Canada (*in part*).
HOWE, HARRISON E., M.S., Sc.D.
Chemical Apparatus (*in part*); Chemistry, Applied; Industrial Chemistry; Nitrogen, Fixation of (*in part*); etc.
HOWE, JOHN ALLEN, O.B.E., B.Sc., F.G.S., M.INST.M.M.
Fuller's Earth.
HOWSON, ELMER T., C.E. Railways (*in part*).
HRDINA, CARL. Dresdner Bank.
HROZNY, FRIEDRICH, D.PH. Hittites.
HSU, T. Societies of Art (*in part*).
HUBBARD, HOWARD ARCHIBALD, A.B., PH.D. Arizona.
HUBBARD, PREVOST. Asphalt.
HUBBARD, THEODORA KIMBALL, M.S.
Landscape Architecture (*in part*).
HUBER, MAX. Red Cross (*in part*).
HUDDLESTON, F. J. Balaclava; Crimean War (*in part*).
HUDNUT, JOSEPH, M.S.
Renaissance Architecture (*in part*); Sculpture (*in part*).
HUDSON, HILDA PHOEBE, O.B.E., M.A., Sc.D.
Analytic Geometry; Curve; Surface.
HUDSON, RAY M., M.E. Standardization (*in part*).
HUEFFER, FRANCIS, PH.D. Handel (*in part*).
HUGEL, BARON F. von.
John (The Apostle); John, Gospel of St.
HUGHAN, WILLIAM JAMES. Freemasonry (*in part*).
HUGHES, CHARLES EVANS, M.A., LL.B.
Monroe Doctrine, The.
HUGHES, CHARLES FREDERICK. Staff, Naval (*in part*).
HUGHES, E. E., M.A. Wales (*in part*).
HUGHES, H. GLYN, B.COM.
Cotton and the Cotton Industry (*in part*).
HULBURT, RAY G. Osteopathy.
HULL, A. EAGLEFIELD, F.R.C.O. Musical Notation.
HULL, JOHN A., PH.B., LL.B. Court-Martial (*in part*).
HUMPHRIES, ALBERT EDWARD, HON.LL.D.
Flour and Flour Manufacture (*in part*); Middlings; Semolina.
HUNKIN, JOSEPH WELLINGTON, O.B.E., M.C., B.D.
Palestine (*in part*).

HUNT, ARTHUR S., M.A., D.LITT., F.B.A. Papyrology.
HUNT, F. R. W., M.A. Ballistics.
HUNTER, ARTHUR, LL.D., F.R.S.E., F.F.A. Annuity (*in part*).
HUNTER, DARD. Watermarks.
HUNTER, FRANCIS T., B.S. Lawn Tennis and Tennis (*in part*).
HUNTER, MAJOR REGINALD GORDON PULTENEY, O.B.E., R.E. Barracks.
HUNTER, SIR ROBERT, C.B., M.A. Commons (*in part*).
HUNTINGTON, ELLSWORTH, M.A., PH.D. Fire.
HURLESTONE-JONES, F. R., M.A. Training Corps, Officers'.
HURREN, S. A. Pianoforte (*in part*); Player-Piano; etc.
HUSIK, ISAAC, A.M., PH.D., LL.B. Jewish Philosophy.
HUSMANN, GEORGE C. Vine (*in part*).
HUSSERL, EDMUND. Phenomenology.
HUTCHINS, LEROY W. Canoe (*in part*).
HUTCHINSON, HORATIO GORDON, B.A. Golf (*in part*).
HUTCHINSON, J. Africa (*in part*).
HUTCHISON, A. F., M.A. Wallace, Sir William (*in part*).
HUTCHISON, ROBERT, M.D., F.R.C.P.
Alimentary System, Diseases of the.
HUTTON, REV. ARTHUR WOLLASTON, M.A.
Leo XIII. (*in part*); Manning, Cardinal (*in part*); Newman, Cardinal; Wiseman, Cardinal.
HUTTON, EDWARD. Boccaccio, Giovanni.
HUTTON, J. H., D.Sc., C.I.E. Asia (*in part*); Cynotherapy; Head-Hunting; Lycanthropy; Metempsychosis (*in part*); etc.
HUXLEY, JULIAN SORELL, M.A.
Courtship of Animals; Dedifferentiation; Evolution, Organic (*in part*); Individuality; Metamorphosis (*in part*); Selection (*in part*).
HYDE, DOUGLAS, LL.D., D.LITT. Irish Literature (*in part*).
HYMANS, HENRI SIMON, PH.D.
Rubens (*in part*); Van Dyck (*in part*).
IJAMS, G. E. Pensions: The United States (*in part*).
ILBERT, SIR COURTENAY PEREGRINE, K.C.B., K.C.S.I., C.I.E. Evidence (*in part*).
IMISON, C. S. Sulphuric Acid.
IMMS, A. D., M.A., D.Sc. Apterygota; Bee; Coleoptera; Dragon-Fly; Entomology (*in part*); Hymenoptera; Insects; Social Insects; etc.
IM THURN, SIR EVERARD, K.C.M.G., K.B.E., C.B.
Pacific Islands (*in part*).
INGE, DEAN, D.D., C.V.O., F.B.A., HON.D.LITT., HON.LL.D. Plotinus.
INGHAM, P. B. Eurhythmics.
INGPEN, ROGER. Shelley, Percy Bysshe (*in part*).
INGRAM, BERESFORD, M.A. Continuation Schools (*in part*).
INGRAM, JOHN KELLS, LL.D.
Senior, Nassau William (*in part*); Slavery (*in part*).
INGRAM, THOMAS ALLAN, M.A., LL.D. Bill of Sale (*in part*); Children, Protective Laws (*in part*); Holiday.
INNES, ALEXANDER TAYLOR, M.A., LL.D. Knox, John.
INNES, WILLIAM T. Ives, Frederic Eugene.
INNIS, H. A., M.A., PH.D. Canada (*in part*).
INWARDS, H. Straw and Straw Manufactures.
IRONSIDE, MAJOR-GENERAL SIR WILLIAM EDMUND, K.C.B., C.M.G., D.S.O. Masurian Lakes; Russia, Campaign in North; Russo-Polish Campaign; Tannenberg, Battle of.
IRVINE, WILLIAM FERGUSSON, HON. M.A. Liverpool (*in part*).
ISAAC, JULES. Anne of France; Francis I. (*in part*).
ISAACS, EDITH J. R. Little Theatre Movement (*in part*).
ISAACS, JACOB, M.A. Dramatic Criticism.
ISAACS, NATHAN, A.M., PH.D., LL.D., S.J.D. Arbitration (*in part*).
ISAACS, S. C., B.A., LL.B. Theatres, Law Relating to (*in part*).
ISSERLIS, L., M.A., D.Sc. Shipping: Wreck Statistics (*in part*); Shipping: Merchant Ships of the World (*in part*).
IVES, HERBERT E., B.S., PH.D. Television.
IVY, ANDREW CONWAY. Anaemia (*in part*).
JACK, GEORGE. Sculpture Technique (*in part*).
JACKSON, DUNHAM, A.M., PH.D. Polynomial.
JACKSON, HENRY, O.M., LITT.D., LL.D., F.B.A. Parmenides of Elea; Sophists; Thales of Miletus (*in part*); Xenocrates (*in part*).
JACKSON, SIR HERBERT, K.B.E., F.R.S.
Microscope (*in part*); Microscopy (*in part*).
JACKSON, J., M.A., D.Sc. Moon; Planetarium.
JACKSON, LLOYD E., B.S. Dry Cleaning.
JACKSON, MAJOR-GENERAL SIR LOUIS CHARLES, K.B.E. C.B., C.M.G., R.E. South African War (*in part*).
JACOBS, REV. CHARLES MICHAEL, A.B., D.D. Lutherans (*part*).
JACOBS, JOSEPH, LITT.D.
Jew, The Wandering (*in part*); Passover (*in part*).
JADWIN, EDGAR, HON. D.E. Great Lakes; Hudson River; Mississipp River (*in part*); Missouri River; etc.; Washington.
JAMES, CHARLES, HON. D.Sc. Cerium; Dysprosium; Europium Gadolinium; Holmium; Rare Earths; Samarium; Ytterbium; etc.
JAMES, E. IBBETSON, O.B.E., M.A.
Aytoun, W. E.; Chesterton; Chevalier, Albert; Lloyd, Marie.
JAMES, F. E. SKONE, B.A., B.C.L. Copyright (*in part*).
JAMES, H. R., M.A. British Empire (*in part*).
JAMES, MONTAGUE R., O.M., LITT.D., F.S.A., F.B.A. Eton.
JAMES, WILLIAM PRICE. Kipling, Rudyard (*in part*).
JAMOT, PAUL. Painting (*in part*).
JARDINE, WILLIAM M., B.S., LL.D. Farmers' Organizations (*in part*); Government Departments (*in part*).
JASTRZEBSKI, S. de, F.S.S.
Birth-Rate; Death-Rate; Illegitimacy; Marriage-Rate; Suicide; etc
JAYNE, KINGSLEY GARLAND.
Malay Archipelago (*in part*); Portugal (*in part*); etc.
JEANS, SIR JAMES HOPWOOD, M.A., D.Sc., LL.D., F.R.S.
Cosmogony; Kinetic Theory of Matter; Relativity.
JEBB, SIR RICHARD CLAVERHOUSE, O.M., LL.D., D.C.L.
Greek Literature (*in part*); Aristophanes; Demosthenes; and, *in part*, Isocrates, Pindar, Thucydides, etc.
JEFFERSON, G., F.R.C.S., L.R.C.P.
Brain, Surgery of; Spinal Column, Surgery of.
JEFFERSON, MARK, A.M. Argentina (*in part*).
JEFFREYS, H., M.A., D.Sc., F.R.S. Earth.
JEFFRIES, ZAY, B.S., D.Sc. Alloys.
JENKINS, E. D. T. Constitution of Athens.
JENKINSON, HILARY, M.A., F.S.A. Exchequer (*in part*); Tally.
JENNESS, DIAMOND. Ivory Carving (*in part*).
JERVIS, W. W. M.Sc. Iceland (*in part*).
JESPERSEN, OTTO, PH.D., LITT.D., LL.D., F.B.A.
Grammar; Language; Philology.
JESSUP, WALTER ALBERT, LL.D. Iowa; Iowa, State University of.
JEVONS, WILLIAM STANLEY, M.A. Boole, George.
JEWKES, JOHN, M. COMM. Cotton (*in part*).
JOHNSON, A. LEROY, Sc.D. Orthodontia.
JOHNSON, C. T. Confectionery Manufacture.
JOHNSON, C. W. Sarawak (*in part*).
JOHNSON, EMORY RICHARD, PH.D., Sc.D.
Inter-State Commerce; Transport (*in part*).
JOHNSON, FRANK WILLIAM, M.A. Oak; Oil-Palm.
JOHNSON, JAMES WELDON, A.M., LITT.D.
Negro, The American (*in part*).
JOHNSON, NELSON T. Government Departments (*in part*).
JOHNSON, O. M. Farm Rents (*in part*).
JOHNSTON, ALEXANDER. United States of America (*in part*).
JOHNSTON, CHARLES. Song Birds.
JOHNSTON, CHARLES HAVEN LADD, A.B.
McClellan, George Brinton.
JOHNSTON, GEORGE ALEXANDER, M.A., D.PHIL.
Child Welfare and Child Labour (*in part*).
JOHNSTON, SIR HARRY HAMILTON, G.C.M.G., K.C.B., Sc.D., F.R.G.S. Africa, Liberia, Tunisia, Uganda (*in part*).
JOHNSTON, HENRY PHELPS. American Revolution (*in part*).
JOHNSTON, J. DUDLEY. Photography (*in part*).
JOHNSTONE, JAMES A., D.Sc. Marine Biology (*in part*); Plankton
JOLLIFFE, ARTHUR ERNEST, M.A.
Continued Fractions; Maxima and Minima; Series.
JOLOWICZ, H. F., M.A., LL.B. Roman Law.
JOLY, CHARLES JASPER, F.R.A.S., F.R.S. Camera Lucida.
JONES, B. MELVILL, A.F.C., M.A., F.R.AE.S. Aerodynamics.
JONES, E. A., M.A., F.S.A., F.R.HIST.S. Golden Rose (*in part*); Mace (*in part*); Silversmiths' and Goldsmiths' Work (*in part*).
JONES, ERNEST, M.D., B.S., M.R.C.P., D.P.H.
Abnormal Psychology; Freud, Sigmund.
JONES, E. TAYLOR, D.Sc., F.INST.P., F.R.S.E.
Electromagnet; Induction Coil.
JONES, HENRY LEWIS, M.A., M.D., F.R.C.P., M.R.C.S.
X-Ray Treatment.

JONES, HENRY STUART, M.A., D.Litt., F.B.A.
Caesar; Constantine; Rome (*in part*); Roman Art (*in part*).
JONES, L. RODWELL, B.Sc., Ph.D. Alberta; Manitoba.
JONES, SIR ROBERT, C.B., K.B.E., Ph.D., D.Sc., F.R.C.S.
Orthopaedic Surgery (*in part*).
JONES, ROBERT, D.Sc. (Econ.). Central Schools.
JONES, ROBERT EDMOND. Theatre (*in part*).
JONES, S. Voice (*in part*).
JONES, VERNON S., LL.B. Laws Relating to Seamen (*in part*).
JONES, W. A. Cities Service Company.
JOPSON, N. B., B.A. Old Slavonic; Polish Language; Russian Language and Literature (*in part*); Serbo-Croat Languages and Literature (*in part*); etc.
JORDAN, DAVID STARR, M.S., M.D., Ph.D.
Agassiz, Jean Louis Rodolphe.
JORDAN, EDWIN OAKES, Ph.D., Hon.Sc.D.
Botulism; Food Poisoning.
JOSEPH, HELEN HAIMAN, B.A. Marionettes or Puppets.
JOSEPH, H. W. B., M.A. Species (*in part*).
JOURDAIN, REV. F. C. R., M.A. Cuckoo.
JOYCE, T. A., M.A., O.B.E. Colombia (*in part*); Dress (*in part*); Inca; South America (*in part*); West Indies (*in part*).
JUDD, CHARLES H., Ph.D., LL.D.
Education (*in part*); Elementary Education (*in part*).
JULL, M. A., B.S.A., M.S., Ph.D.
Poultry and Poultry Farming (*in part*); Turkey (*in part*).
JUTZI, W. Dyeworks and Chemical Industries, Amalgamation of.
KAHN, ELY JACQUES, A.B., B.Arch.
Colour in Architecture; Shop Front Design (*in part*).
KALLEN, HORACE MEYER, A.B., Ph.D. James, William.
KANDEL, ISAAC LEON, M.A., Ph.D.
Classical Education (*in part*); Degree (*in part*).
KANG, YOUNGHILL, B.S., Ed.M. Dance (*in part*); Dress (*in part*); Korea (*in part*); Li Po; Tonghak; Tu Fu; etc.
KARPEN, LEO. Furniture Manufacture (*in part*).
KATZENELLENBAUM, S. S. Soviet Banking System.
KEELER, O. B. Golf (*in part*).
KEELEY, JAMES. Pullman Company, The.
KEELING, S. V., M.A. Cartesians.
KEEN, B. A., D.Sc. Soil (*in part*).
KEETON, G. W., M.A., LL.M. Torture (*in part*).
KEILIN, D., M.A., D.Sc. Parasitology.
KEIPER, FRANK, M.A., M.E., LL.B. Voting Machines.
KEITH, SIR ARTHUR, M.D., F.R.C.S., D.Sc., F.R.S.
Man, Evolution of.
KELLETT, E. E. Webster, John; and Prose, Prologue, Rhythm, Sonnet, etc., *in part*.
KELLEY, CHARLES F. Bronze and Brass Ornamental Work (*part*).
KELLEY, FLORENCE, B.Litt., LL.B. Sweating System (*in part*).
KELLEY, R. F. Polo (*in part*).
KELLOGG, FRANK BILLINGS, LL.D. Outlawry of War (*in part*).
KELLOGG, VERNON, LL.D., Sc.D.
Burbank, Luther; Hoover, Herbert Clark.
KELLY, BT.-COLONEL EDWARD HENRY, D.S.O., M.C.
Fortification and Siegecraft (*in part*).
KELLY, MAJOR EDWARD L. Physical Culture.
KELSEY, CLARENCE HILL, A.M., LL.B.
Title Guarantee Companies.
KELTIE, SIR JOHN SCOTT, LL.D., F.S.A., F.R.G.S.
Africa (*in part*); Livingstone, David.
KEMP, H. R. Canada (*in part*).
KEMPFF, C. S. Ship Lanes of the North Atlantic.
KENDALL, PERCY F., M.Sc. Glacial Period.
KENDRICK, ALBERT FRANK, F.R.S.A. Dress (*in part*); Interior Decoration (*in part*); Tapestry; Textiles and Embroideries (*in part*).
KENDRICK, BENJAMIN B., M.A., Ph.D. Calhoun, J. C.; Hayes, Rutherford B.; Johnson, Andrew; Quincy, Josiah.
KENDRICK, T. D., M.A. Balearic Islands (*in part*); Corsica (*in part*); Druidism; Malta (*in part*); Sardinia (*in part*).
KENNEDY, ALBERT J., A.B., S.T.B. Social Settlements (*in part*).
KENNEDY, REV. ARCHIBALD R. S., D.D. Tabernacle.
KENNEDY, SIR CHARLES MALCOLM, K.C.M.G., C.B.
Commercial Treaties (*in part*).
KENNEDY, CAPTAIN J. N. Artillery (*in part*).
KENNEDY, CAPTAIN M. D. Japan (*in part*).
KENT, FRANK RICHARDSON, M.A. Democratic Party.
KENYON, DOROTHY, A.B., D.J. Husband and Wife (*in part*).
KENYON, SIR FREDERIC GEORGE, K.C.B., G.B.E.
Museums and Art Galleries (*in part*).
KERN, R. A., A.B., M.D. Anaphylaxis.
KERR, JOHN GRAHAM, M.A., F.R.S.
Vertebrata; Vertebrate Embryology.
KERR, PHILIP HENRY, M.A. Rhodes Scholarships.
KERRISON, A. V., R.A. Sights (*in part*).
KESTER, R. B., A.M., Ph.D.
Balance Sheet (*in part*); Cost Accounting.
KETCH, JAMES M., B.S., E.E. Reflectors.
KETTERING, CHARLES F., D.E., D.Sc. Motor Car (*in part*).
KEUTGEN, FREIDRICH WILHELM EDUARD, Ph.D.
Commune, Mediaeval.
KEYES, HENRY WILDER, A.M., LL.D. New Hampshire.
KEYNES, GEOFFREY LANGDON, M.A., M.D., F.R.C.S.
Blake, William.
KIDDY, ARTHUR WILLIAM.
Consols; Floating Debt; National Debt (*in part*); War Finance.
KILBORN, HOLLOWAY, Ph.B., E.E. Drop Forging (*part*); Forging.
KIMBALL, DEXTER S., A.B., LL.D. Technical Education (*in part*).
KIMBALL, FISKE, A.B., Ph.D.
Interior Decoration (*in part*); Modern Architecture (*in part*).
KIMBALL, INGALLS. Pensions: The United States (*in part*).
KING, JOHN, J.P. Light Thin Castings Industry.
KING, W. B. R., M.A., F.G.S. Coprolites; England (*part*); Springs.
KING, WILLFORD I., Ph.D. National Savings (*in part*).
KING-PAGE, DOUGLAS. Marine Insurance (*in part*).
KINGSFORD, CHARLES LETHBRIDGE, M.A., F.R.Hist.S., F.S.A.
Buckingham, Duke of; Edward IV.; Henry IV.; Richard II.; Salisbury, Thomas de Montacute; Somerset, Duke of; Whittington, Richard; etc.
KINGSFORD, H. S., M.A. Seals (*in part*).
KINKELDEY, OTTO, M.A., Ph.D. Chinese Music.
KINLEY, DAVID, Ph.D., LL.D. Illinois; Illinois, The University of.
KIRBY, ROLLIN. Cartoon (*in part*).
KIRCHWEY, GEORGE W., LL.D. Criminology; Habitual Offenders (*in part*); Juvenile Offenders (*in part*); Penology; etc.
KIRK, EDWARD CAMERON, Sc.D. Dentistry (*in part*).
KIRKUP, THOMAS, M.A., LL.D.
Julian (*in part*); Lassalle, Ferdinand.
KITCHEN, JOSEPH, F.S.S. Physical Resources (*in part*).
KITSON, HARRY DEXTER, A.M., Ph.D. Job Analysis.
KLAUDER, CHARLES Z. University Architecture.
KLEIN, MAJOR ADRIAN B., M.B.E. Colour Music.
KLEIN, FRITZ, Ph.D. Luther, Hans.
KLEIN, JULIUS, M.Litt., Ph.D.
United States of America (*in part*).
KLEMIN, ALEXANDER, B.Sc., S.M. Gliding (*in part*).
KLOEKE, G. G. Dutch Language and Literature (*in part*).
KLUVER, HEINRICH, Ph.D. Eidetic Images.
KNAPP, A. W., M.Sc., F.I.C., M.I.Chem.E. Chocolate; Cocoa.
KNIGHT, CYRIL W., B.Sc., F.R.S.C. Pre-Cambrian.
KNIGHTS, CHARLES C. Salesmanship.
KNITTLE, RHEA M. Glass (*in part*).
KNOTT, HENRY WILLIAM HOWARD. Hughes, Charles Evans.
KNOWLES, C. M., LL.B. Workmen's Compensation (*in part*).
KNOX, MAJOR-GENERAL SIR ALFRED WILLIAM FORTESCUE, K.C.B., C.M.G. Nicholas (Grand Duke).
KNOX, DUDLEY W.
American Revolution (*in part*); War of 1812, The.
KNOX, E. V. Horace; Limericks; Parody.
KNOX, REV. GEORGE WILLIAM, D.D., LL.D.
Christianity (*in part*).
KNOX, J., D.Sc. Cyanamide.
KNOX, REV. RONALD ARBUTHNOT. Mystery Stories (*in part*).
KNOX, WINIFRED F. Saladin.
KNOX-SHAW, H., M.A., D.Sc., F.R.A.S. Nebula.
KOBBE, WILLIAM H. Sulphur, Special Applications of.
KOK, J. E. F. de. Royal Dutch Oil Company.
KOLB, LAWRENCE, M.D. Drug Addiction (*in part*).

KOLSRUD, SIGURD. Norwegian Language and Literature (*in part*).
KOMISARJEVSKY, THEODORE. Acting (*in part*).
KONODY, PAUL G.
Art (*in part*); Impressionism; Post-Impressionism; Potter, Paul.
KOOS, L. V., M.A., PH.D. Secondary Education (*in part*).
KRAEMER, GUSTAV. Vereinigte Industrie-Unternehmungen A. G.
KRAMER, A. WALTER. Broadcast Music (*in part*).
KRAPP, GEORGE PHILIP, A.M., PH.D. Slang (*in part*).
KRAUSE, ALLEN KRAMER, A.M., M.D. Tuberculosis (*in part*).
KREUTZBERG, H. Pantomime.
KROEBER, A. L., PH.D. North America (*part*); and articles on tribes and families of North American Indians.
KROM, N. J. Cambodia (*in part*); Java (*in part*).
KROPOTKIN, PRINCE PETER ALEXEIVITCH.
Anarchism (*in part*); Bulgaria, Eastern; Syr-Darya (*in part*).
KRUMBACHER, K. Greek Literature (*in part*).
KUHNE, MAJOR C. H., R.A.O.C., D.S.O., O.B.E.
Motor Transport, Military (*in part*).
KUHNEL, ERNST, PH.D. Persian Art (*in part*).
KUMLER, KATHERINE W. Home Sewing.
KUNZ, GEORGE FREDERICK, A.M., PH.D., Sc.D.
Jade and Other Hard Stone Carvings; Lapidary and Gem Cutting.
KURN, JAMES M. St. Louis-San Francisco Railway Company.
KURTZ, REV. DANIEL WEBSTER, M.A., D.D.
German Baptist Brethren.
LAAMON, E. Estonia (*in part*).
LABOURET, HENRI. Africa (*in part*); Hausa (*in part*).
LACEY, REV. THOMAS ALEXANDER, M.A., D.D., F.S.A.
Augustine, Saint; Church (*in part*).
LAIDLAY, E. C. Fur.
LAKE, PHILIP, M.A., F.G.S. Cambrian System; Asia (*in part*); Continents, Origin of; Europe (*in part*); Germany (*in part*); etc.
LAMB, M. C., F.C.S., F.R.M.S. Leather.
LAMB, WALTER RANGELEY MAITLAND, M.A., M.V.O.
Academy Royal (*in part*).
LAMBERT, WALTER DAVIS, A.M. Geodesy.
LAMONT, STEWART M. Accident Insurance, Personal (*in part*).
LAMOUREUX, ANDREW JACKSON.
Atacama, Desert of; Bahia; Bogotá; Pará; Venezuela (*in part*).
LANCHESTER, FREDERICK WILLIAM, M.INST.C.E., M.INST.M.E., M.INST.A.E., F.R.S. Motor Car (*in part*).
LANDELLS, WALTER.
Company Promoting (*in part*); Jobber; Stockbroker (*in part*).
LANDER, C. H., D.Sc., M.INST.C.E., M.I.MECH.E., F.INST.P.
Fuel; Fuel Research Board.
LANDIS, CARNEY, A.M., PH.D. Psychogalvanic Reflex.
LANDIS, J. M., A.B., LL.B., S.J.D.
Ejectment (*in part*); Habeas Corpus (*in part*); Land Titles (*in part*); Petition of Right (*in part*); Trust and Trustees (*in part*); etc.
LANE, LIEUTENANT-COLONEL CLAYTON, M.D. Hookworm.
LANE, MORTIMER BLISS, A.B. Production, Census of (*in part*).
LANE-POOLE, STANLEY, M.A., LITT.D.
Burton, Sir Richard Francis.
LANG, ANDREW. Apparitions; La Cloche, James de (*in part*); Prometheus (*in part*); Second Sight; Tale (*in part*).
LANGDON, STEPHEN HERBERT, M.A., B.D., PH.D.
Assur; Babylonian and Assyrian Religion; Marduk; Mesopotamia (*in part*); Nebo (*in part*); etc.
LANGFELD, HERBERT SIDNEY, PH.D.
Aesthetics, Experimental; Stumpf, Carl.
LANGWORTHY, R. A. Steam Accumulators.
LAPWORTH, HERBERT, D.Sc., M.INST.C.E., F.G.S. Well.
LARKING, CAPTAIN ALBERT, C.B.E. Early Closing Movement.
LARMOR, SIR JOSEPH, M.A., D.Sc., LL.D., F.R.S.
Energy (*in part*).
LARSEN, O. H. Denmark (*in part*).
LASKI, HAROLD J. Anarchism (*in part*); Bolshevism; Laissez-Faire.
LASKY, JESSE L. Motion Pictures (*in part*).
LATEY, WILLIAM.
Nullity of Marriage (*in part*); Press Laws (*in part*); etc.
LATHROP, JOHN HOWLAND, D.D. Unitarianism (*in part*).
LATOUCHE, ROBERT. Normandy (*in part*).
LATOURETTE, KENNETH SCOTT, M.A., D.D., PH.D.
China (*in part*); Chinese Eastern Railway; Chinese Literature; etc.
LAUGHTON, L. G. CARR. Ships' Figureheads.
LAURIE, ARTHUR PILLANS, M.A., D.Sc., F.R.S.E. Fresco Painting
LAW, EDWARD F., A.R.S.M. Anti-Friction Metals.
LAW, K. C., F.C.I.I. Fire Insurance.
LaWALL, CHARLES H., PH.M., D.Sc. Pharmacy (*in part*).
LAWRENCE, A. W. Persia (*in part*).
LAWRENCE, COLONEL T. E. Guerrilla, *Guerrilla Warfare.*
LAWRENCE, W. H., B.S. Perspective.
LAWSON, LIEUTENANT-COLONEL E. F., D.S.O., M.C., T.D.
Yeomanry.
LAYARD, GEORGE SOMES.
Keene, Charles Samuel (*in part*); Linton, William James.
LAZARUS-BARLOW, PERCY, M.D.
Calculi; Rheumatism; Rheumatoid Arthritis.
LAZARUS-BARLOW, WALTER SYDNEY, M.D., F.R.C.P.
Arteries, Diseases of; Cancer Research; Inflammation and Its Sequels; Mammary Gland, Diseases of; Medical Research; etc.
LEACOCK, STEPHEN, PH.D., LITT. D., LL.D. Humour (*in part*).
LEADER, EDWIN O., LL.B. Rowing (*in part*).
LEAKE, JAMES MILLER, PH.D. Florida.
LEATHES, SIR STANLEY MORDAUNT, K.C.B., M.A.
Cromwell, Oliver.
LEBERGUE, PHILEAS. Greek Literature (*in part*).
LECKIE, JOHN. Pencil Drawing.
LE COQ, ALBERT v. Asia (*in part*).
LEDERER, EMIL, PH.D. Communism; International, The (*in part*).
LEDINGHAM, JOHN CHARLES GRANT, C.M.G., M.B., F.R.C.P., D.Sc., F.R.S. Bacteria and Disease (*in part*).
LEE, C. O. Lacrosse (*in part*).
LEE, JAMES MELVIN, LITT.D. Newspapers (*in part*).
LEE, ROBERT WARDEN, D.C.L. Roman-Dutch Law.
LEE, T. G. Beef (*in part*).
LEECH, LEWIS HARPER, M.A. Chicago.
LEE OF FAREHAM, RT. HON. VISCOUNT, G.C.S.I., G.B.E., K.C.B., F.S.A., F.R.I.B.A. Sulgrave Manor.
LEES, G. M., M.C., D.F.C., PH.D., F.G.S. Persia (*in part*).
LEE-WARNER, SIR WILLIAM, M.A., K.C.S.I.
Dalhousie, Marquess of.
LEFFINGWELL, W. H. Office Appliances; Office Management.
LEGGE, JAMES, LL.D.
Confucius (*in part*); Lâo-Tse (*in part*).
LEGGE, ROBIN HUMPHREY. Debussy, Claude A. (*in part*).
LEGGETT, F. W. Industrial Relations (*in part*).
LEHMAN, EUGENE H., M.A. Camping (*in part*).
LEHMAN-HAUPT, C. F., M.A., PH.D., LL.D. Urartu.
LEIGH, RICHARD HENRY. Uniforms (*in part*).
LEIGH-MALLORY, WING COMMANDER T. L., D.S.O.
Air Co-operation (*in part*).
LEIPER, ROBERT THOMSON. Parasitic Diseases.
LELAND, S. E., A.M., PH.D. Land Taxes (*in part*).
LENTELLI, LEO, A.N.A. Sculpture Technique (*in part*).
LESCOHIER, DON D., A.M., PH.D. Casual Labour (*in part*).
LESSING, R., PH.D., F.I.C., M.I.CHEM.E. Carbolic Acid.
LETHABY, WILLIAM RICHARD. Design (*in part*).
LETHBRIDGE, THOMAS CHARLES.
Scandinavian Civilization (*in part*).
LEVESON, WILLIAM EGBERT, M.C., M.A.
Chang Tso-Lin; Chiang Kai-Shek.
LEVETT, ADA E., M.A. Manor (*in part*).
LEVI, NATHAN. Smuts, Jan Christiaan (*in part*).
LEVIN, ISAAC H. Gems, Artificial.
LEVINSON, ANDRE. Bakst, Leon.
LEVY, OSCAR, M.D., L.R.C.P., M.R.C.S.
Nietzsche, Friedrich Wilhelm.
LEVY, REUBEN, M.A. Ecbatana; Susa.
LEWIS, CAL. Clothing Manufacture (*in part*).
LEWIS, H. Breton Literature; Cornish Literature.
LEWIS, H. SPENCER, F.R.C. Rosicrucianism.
LEWIS, R. S., A.B., E.M. Mining, Metalliferous.
LEWIS, STUART, A.M., PH.D., D.C.L. Budget (*in part*); etc.
LEWIS, WILLIAM DRAPER, LL.B., PH.D., S.S.D.
Judicial Reform (*in part*); Marshall, John.
LEWIS, W. S., M.Sc., F.R.G.S. Austria (*in part*); Austria, Lower; Czechoslovakia (*in part*); Hungary (*in part*); etc.

LEWISOHN, SAM, A.B., LL.B. Industrial Relations (*in part*).
LEWKOWITSCH, P. R. ELSA, PH.D., B.SC.HONS., A.R.C.S.
Essential Oils (*in part*); Oils, Fats and Waxes (*in part*); Beeswax, Candle, Soap, etc., also *in part.*
LIDDELL, LIONEL CHARLES, M.V.O.
Rationing of Neutrals (Blockade); War Trade Advisory Committee.
LIDDELL HART, CAPTAIN B. H., F.R.HIST. S.
Allenby, Lord; Pershing, General; etc.; Strategy; World War (*in part*); Ypres (1917); etc.
LIEFMANN, ROBERT. Cartel.
LIEGLER, L. Vienna (*in part*).
LIETZMANN, HANS, D.THEOL. Baptism; Creeds (*in part*).
LIGHT, RAYMOND U. Argentina (*in part*); Colombia (*in part*).
LINDEMANN, FREDERICK ALEXANDER, PH.D., F.R.S.
Electricity, Conduction of (*in part*); Solid State, Theory of.
LINDSAY, ALEXANDER DUNLOP, C.B.E., HON.LL.D.
Adult Education (*in part*); Workers, Education of.
LINDSAY, SAMUEL McCUNE, PH.D., LL.D.
Liquor Laws and Liquor Control; Prohibition.
LINDSAY, REV. THOMAS MARTIN, LL.D., D.D.
Lollards (*in part*); Lutherans (*in part*); Thomas A. Kempis.
LING, A. R., F.I.C. Malt.
LIPMAN, JACOB GOODALE, A.M., PH.D., D.Sc.
Agricultural Education (*in part*).
LIPPMAN, WALTER, A.B. Pulitzer, Joseph (*in part*).
LIPSETT, CALDWELL H. Afridi (*in part*).
LLEWELLYN, KARL N. Bill of Exchange, Contract, Foreclosure, Valuation and Valuers, etc. (*in part*).
LLOYD, CHARLES MOSTYN, M.A.
Pauper; Poor Law (*in part*); Workhouse.
LLOYD, E. M. H. Industry, War Control of (*in part*).
LLOYD, G. I. H., M.A. Controlled Establishments.
LLOYD, J. E., M.A., D.LITT. Wales (*in part*).
LLOYD, NATHANIEL, O.B.E., F.S.A. Brickwork.
LLOYD-JAMES, A. Pronunciation.
LOASBY, A. W., D.B.A. Equitable Trust Company of New York.
LOBEL, EDGAR, M.S. Sappho.
LOCKE, ALAIN LE ROY, A.B., PH.D.
Negro, The American (*in part*).
LOCKE, CHARLES E., S.B. Ore Dressing.
LOCKET, G. H. Spiders.
LOCKET, MARGERY. Motion Pictures (*in part*).
LODGE, GONZALEZ, A.B., PH.D., LL.D. Classical Education (*part*).
LODGE, SIR OLIVER (JOSEPH), D.Sc., LL.D., F.R.S.
Ether; Music from Electric Oscillations; Physics; Spiritualism.
LOEWE, H. M. J. Calendar (*in part*); Chronology (*in part*); Jerusalem (*in part*); Jews (*in part*); Judaism; etc.
LOMAX, JOHN AVERY, M.A. Folk-Song (*in part*).
LOMBARDINI, M. S. Pirelli and Co.
LONDONDERRY, THE RT. HON. MARQUESS OF, K.G.
Ireland, Northern (*in part*).
LONES, THOMAS EAST, M.A., LL.D. Celluloid; Meters, Electric.
LONG, EDWARD ERNEST, C.B.E.
Celebes; East Indies; Malay Archipelago; New Guinea; and articles on the physiography of the islands of the East Indies.
LONG, H. C., B.Sc. Great Britain (*in part*); Oats: Cultivation and Trade (*in part*); Poisonous Plants (*in part*); Wheat (*in part*); etc.
LONG, JOHN C., B.A. Motoring (*in part*).
LONG, R.A. Lumbering.
LONG, RICHARD C. E., B.A., F.R.A.I.
Calendar (*in part*); Chronology (*in part*).
LONGHURST, MISS M. H.
Effigies; Ivory Carving (*in part*).
LONGHURST, PERCY. Wrestling (*in part*).
LONGLEY, W. H., PH.D.
Fishes (*in part*); Photography (*in part*).
LONGLEY, W. R., A.M., M.S., PH.D.
Descriptive Geometry.
LONGMUIR, PERCY, D.MET., M.B.E. Founding; Needle.
LONGNON, AUGUSTE. Blois, Countship of; Champagne.
LOOMIS, EDWARD EUGENE. Lehigh Valley Railroad, The.
LORD, ISABEL ELY, B.L.S. Budget, Family; Cookery (*in part*); Home Economics; Housekeeping (*in part*); etc.
LOREE, LEONOR F., M.Sc., C.E., LL.D.
Delaware and Hudson Company.
LORIMER, LIEUTENANT-COLONEL D. L. R., C.I.E.
Burushaski Language.
LOTHROP, SAMUEL K., A.B., PH.D.
Central America (*in part*); Alacaluf; Ona; Pipil; etc.
LOUIS, HENRY, M.A., D.Sc., A.R.S.M., M.INST.C.E., F.I.C., F.G.S.
Blowing Engines.
LOVEDAY, A. Europe as an Economic Unit; and the Economic History of Europe, Austria, Bulgaria, etc.
LOVEJOY, ELLIS, E.M. Brick (*in part*); Firebrick (*in part*).
LOWELL, A. LAWRENCE, LL.D., PH.D., LITT.D. Lowell Institute.
LOWES, JOHN LIVINGSTON, PH.D. Lowell, Amy.
LOWIE, ROBERT H. Relationship Terms.
LOWRY, T. M., C.B.E., D.Sc., F.R.S. Isomerism.
LUBIN, ISADOR, A.B., PH.D. Unemployment Statistics (*in part*).
LUCAS, EDWARD VERRALL. Austen, Jane; Lamb, Charles (*in part*).
LUCAS, FREDERIC AUGUSTUS, Sc.D. Museums of Science (*in part*).
LUCATO, C. R. Morris Motors (1926), Ltd.
LUCHAIRE, ACHILLE. Papacy (*in part*).
LUCHAIRE, JULIEN.
Intellectual Co-operation, International Institute of.
LUCKOCK, BRIGADIER RUSSELL MORTIMER, C.M.G., D.S.O.
Amiens, Battle of.
LUDWIG, EMIL. Hohenzollern Dynasty.
LUGARD, LADY, D.B.E.
British Empire (*in part*); Nigeria (*in part*); Rhodes, Cecil John; etc.
LUGARD OF ABINGER, THE RT. HON. LORD, G.C.M.G., C.B., D.S.O., D.C.L., LL.D. Mandate; Ruanda-Urundi; Slavery (*in part*).
LUMSDEN, E., A.R.S.A. Etching (*in part*).
LUNDELL, R. A., B. of M.E. Pneumatic Tools.
LUNN, ARNOLD. Mountaineering (*in part*).
LUTZ, HERMANN. War Guilt (*in part*).
LUTZOW, COUNT. LITT.D., PH.D., F.R.G.S. Hussites.
LYALL, SIR CHARLES JAMES, K.C.S.I., C.I.E., LL.D.
Arabic Literature (*in part*); Hamasa (*in part*); Hindostani Literature; Mofaddaliyat; Tulsī Dās (*in part*).
LYDEKKER, RICHARD, M.A., F.L.S., F.R.S. Bovidae; Sheep (*part*).
LYDENBERG, H. M., A.B. Libraries (*in part*).
LYELL, COLONEL DAVID, C.M.G., D.S.O., M.INST. C.E.
Light Railways, Military (*in part*).
LYND, ROBERT. Bennett, Enoch Arnold.
MACADAM, I. S., O.B.E., A.M.I.MECH.E.
Educational Associations (*in part*).
MACALISTER, ALEXANDER, M.A., M.D., LL.D., D.Sc., F.S.A., F.R.S. Palmistry; Phrenology (*in part*).
MACALISTER, ROBERT ALEXANDER STEWART, M.A., LITT.D., LL.D., F.S.A. Cu Chulainn; Deirdre; Diptych; Finn Mac Cumhaill; Idumaea (*in part*); Ireland (*in part*); Palestine (*in part*).
MacARTHUR, LIEUTENENT-COLONEL WILLIAM PORTER, D.S.O., O.B.E., R.A.M.C. Tropical Medicine.
MACARTNEY, CARLILE AYLMER.
Austria Hungary (*in part*); Bulgaria (*in part*); Hungary (*in part*); etc.; Habsburg; Francis Joseph; Kun, Bela (*in part*); and other biographies of Austrian and Hungarian statesmen, etc.
MACARTNEY, SIR MERVYN EDMUND, B.A., F.S.A., F.R.I.B.A.
London (*in part*).
MACAULAY, GEORGE CAMPBELL, M.A. Gower, John.
MACAULAY, LORD. Bunyan; Goldsmith; Johnson, Samuel (*in part*).
MACAULAY, WILLIAM HERRICK., M.A. Motion, Laws of.
MacBRIDE, ERNEST WILLIAM, M.A., D.Sc., LL.D., F.R.S.
Balanoglossus; Invertebrate Embryology; Metamorphosis (*in part*); Phoronis.
McBRIDE, GEORGE M., B.A., PH.D. Bolivia; and *in part,* Cuba, Paraguay, Uruguay, Venezuela, and West Indies.
McCALL, ARTHUR GILLET. Alkali Soils.
McCALL, JOHN OPPIE, A.B., D.D.S.
Focal Infection (*in part*); Pyorrhoea (*in part*).
McCARTAN, EDWARD. Sculpture (*in part*).
McCARTER, THOMAS NESBITT, A.M.
Public Service Corporation of New Jersey.
McCARTNEY, J. E., M.D., D.Sc. Carriers.
McCLELLAND, NANCY V., A.B.
Interior Decoration (*in part*).
McCLURE, WILLIAM KIDSTON, C.B.E.
Asiago, Battle of; Caporetto, Battle of; Italo-Turkish War; etc.
M'COLL, W. D. Mac; Scotland (*in part*).

McCONNELL, FRANCIS J., PH.D., D.D., LL.D.
Asbury, Francis; Methodism (*in part*).

McCONNELL, PRIMROSE, B.Sc., F.G.S.
Grass and Grassland (*in part*); Reaping; Sowing; Thrashing.

MacCORMAC, HENRY, C.B.E., M.D., F.R.C.P. Urticaria.

McCORMICK, SAMUEL BLACK, M.A., D.D., LL.D. Pittsburgh.

McCREA, ROSWELL C., A.M., PH.D.
Commercial Education (*in part*).

McDANIEL, J. S. Rope and Rope-Making (*in part*).

MacDONALD, DUNCAN BLACK, M.A., D.D.
Islamic Institutions; Thousand and One Nights; etc.

MACDONALD, SIR GEORGE, K.C.B., M.A., HON.LL.D., HON.D. LITT., F.B.A. Britain (*in part*); Caledonia (*in part*); Gaul (*in part*); Spain (*in part*).

MacDONALD, J. H., B.G.S., M.C.S. Budget, Business.

MacDONALD, RT. HON. JAMES RAMSAY, M.P., LL.D.
Labour Party, The; London Naval Conference, 1930, The (*in part*).

MACDONALD, SIR MURDOCH, K.C.M.G., M.INST.C.E.
Irrigation (*in part*).

MacDONALD, JR., ROBERT. Corundum, Artificial.

MacDONALD, THOMAS H., B.C.E. Roads and Streets (*in part*).

MACDONELL, ARTHUR ANTHONY., M.A., PH.D., LL.D., F.B.A.
Kalidasa.

MACDONELL, SIR JOHN, C.B., LL.D.
Protectorate; Sovereignty (*in part*).

MACDONELL, COLONEL MERVYN SORLEY, O.B.E.
Danzig (*in part*).

MACDONOGH, MICHAEL. Reporting (*in part*).

McDOUGAL, FRANK LIDGETT, D.B.E. British Empire (*in part*).

MacDOUGALL, ALICE FOOTE. Coffee, Preparation of.

McDOUGALL, WILLIAM., M.A., M.B., F.R.S.
Hallucination; Suggestion; Trance.

MACE, C. A., M.A. Psychology (*in part*).

McFADYEAN, SIR ANDREW, M.A.
Inter-Ally Council of War Purchases and Finance.

MACFADYEN, REV. DUGALD, M.A., F.R.HIST.S.
Concordance; Excommunication (*in part*); Glasites.

McGIFFERT, ARTHUR CUSHMAN, A.M., D.D., PH.D., LL.D.
Church History (*in part*).

McGOVERN, JOHN TERENCE, LL.B. Track and Field Sports.

MacGOWAN, KENNETH, S.B. Theatre (*in part*).

MACGREGOR, A. Indian Law (*in part*).

McGREGOR, J. E. M., A.C.G.I., A.M.I.E.E. Pneumatic Despatch.

McGREGOR, JAMES HOWARD, M.A., PH.D.
Chimpanzee; Gorilla; Primates (*in part*).

McGUIRE, ELLSWORTH NEWCOMB. Loree, Leonor Fresnel.

McGUIRE, JR., JAMES CLARK. Aerodrome (*in part*); Alcohol in Industry (*in part*); Le Bourget Airport.

McHARDY, COMMANDER J. G. M., R.N. Ordnance (*in part*).

McHUGH, JOHN. Chase National Bank.

McILWAINE, HENRY READ, A.B., PH.D. Smith, John.

McILWRAITH, T. F. Canada (*in part*).

MACINTIRE, H. J., S.B., M.M.E.
Refrigeration and Ice Manufacture.

McKAY, ANDREW W., B.Sc. Agricultural Co-operation (*in part*).

MACKAYE, BENTON, A.M. Regional Planning (*in part*).

McKEE, ROLAND, B.S. Vetch (*in part*).

McKENNY, CHARLES, A.M., LL.D. Teachers, Training of (*in part*).

MACKENZIE, COMPTON, O.B.E., B.A. Gramophone (*in part*).

McKENZIE, ROBERT TAIT, M.D., LL.D.
Gymnastics and Gymnasium (*in part*).

MACKENZIE, RODERICK, M.A.
Greek Language (*in part*); Lettish Language; Lithuanian Language.

McKERROW, RONALD BRUNLEES, LITT.D. Parnassus Plays.

MACKINDER, SIR HALFORD JOHN, P.C. Trade Routes.

MACKINNON, DORIS L., D.Sc. Amoeba.

MACKINNON, JAMES, M.A., PH.D., D.D., F.R.S.E.
Covenanters; Luther, Martin.

MACKINTOSH, REV. ROBERT, M.A., D.D.
Apologetics; Dogma, Dogmatic Theology.

McLACHLAN, NORMAN W., D.Sc. (Eng.), M.I.E.E., F.INST.P.
Radio Receiver.

MACLAGAN, SIR EDWARD D., K.C.S.I., K.C.I.E., M.A.
Punjab (*in part*).

McLAUGHLIN, IRENE CASTLE. Dance (*in part*).

M'LEAN, NORMAN, M.A. Syriac Literature.

McLEOD, G. W. B., C.B.E. Taxation, Local (*in part*).

MacLEOD, J. J. R., M.B., CH.B., D.Sc., LL.D., F.R.S. Insulin.

MacLEOD, JOHN MacLEOD HENDRIE, M.A., M.D., F.R.C.P.
Skin Diseases.

MACMILLAN, CHRYSTAL, M.A., B.Sc.
Women, Legal Position of (*in part*).

MACMILLAN, DAVID. Corrugated Iron.

McMILLAN, WALTER GEORGE, F.C.S., M.I.M.E. Graphite (*part*).

MacMILLAN-BROWN, J., M.A., HON.LL.D.
Pacific Ocean Questions.

MacMUNN, LIEUTENANT-GENERAL SIR GEORGE, K.C.B., K.C.S.I., D.S.O. Baluchistan (*part*); India (*part*); Indian Mutiny.

McMURTRIE, DOUGLAS C.
Books (*in part*); De Vinne, Theodore Low.

MacNAIR, H. F., M.A., PH.D. Chinese Immigration.

McNAMARA, E. J., M.A., LL.D. Shorthand.

MacNEILL, EOIN, B.A., D.LITT. Ireland (*in part*).

MACPHERSON, JOHN, M.A., M.D., M.R.C.S. Paranoia.

MACPHERSON, SIR WILLIAM GRANT, K.C.M.G., M.B., D.P.H.
Medical Service, Army.

MADARIAGA, S. de, M.A.
Spain (*in part*); Spanish Language and Literature (*in part*).

MADDEN, JOHN THOMAS, B.S.S., M.A.
Accountancy and Accountants (*in part*); Fiduciary Accounting.

MADELIN, EMILE MARIE LOUIS, D-ÈS-L. Foch, Ferdinand.

MAGUIRE, JOHN M., A.B., LL.B. Evidence (*in part*).

MAINWARING, COLONEL A. E. Billiards (*in part*).

MAIR, ALEXANDER W., LITT.D.
Classics; Epicurus; Lucretius; Livy; Menander; Pliny, the Elder; Pliny, the Younger; Petronius; Polybius; Seneca; etc.

MAIR, DAVID BEVERIDGE, M.A. School and Curriculum (*in part*).

MAITLAND, FREDERICK WILLIAM.
Bracton, Henry de; English Law.

MAITLAND, JOHN ALEXANDER FULLER, M.A., F.S.A.
Brahms, Johannes.

MAITLAND, LESTER J. Aviation, Civil (*in part*).

MAJOR, H. C. United States of America (*in part*).

MAJOR, REV. HENRY DEWSBURY ALVES, D.D., F.S.A.
Modernism.

MALCOLM, SIR IAN, K.C.M.G., D.L., J.P. Suez Canal (*in part*).

MALCOLM, MAJOR-GENERAL SIR NEILL, K.C.B., D.S.O. (retired). Wilson, Sir Henry Hughes.

MALCOLM-SMITH, ELIZABETH F., M.A., PH.D.
Canning, C. J.; Canning, George; Dilke, Sir Charles.

MALINOWSKI, BRONISLAW, PH.D., D.Sc.
Kinship; Marriage; Social Anthropology.

MALLALIEU, WILBUR E., M.E. Salvage Corps (*in part*).

MALLET, SIR CHARLES EDWARD. Gladstone, William Ewart.

MALLON, JAMES JOSEPH, M.A., J.P.
Social Settlements (*part*); Sweating System (*part*); Toynbee Hall.

MANGELS, MAX CORNILS. Kiel Canal.

MANGIN, CHARLES MARIE EMMANUEL, K.C.B.
Champagne, Battles in (*in part*).

MANLY, JOHN MATTHEWS, A.M., PH.D.
English Literature (*in part*).

MANNING, RT. REV. WILLIAM T.
Protestant Episcopal Church.

MANSHIP, PAUL. Sculpture (*in part*).

MANSKE, R. H. F., M.Sc., PH.D. Chemistry (*in part*).

MANSON, JAMES ALEXANDER. Bowls (*in part*).

MANSON, JAMES BOLIVAR. Painting (*in part*).

MANSON, J. LEASK, B.Sc., M.I.STRUCT.E., M.R.SAN.I.
Building Industry (*in part*); Foundations (*in part*); Structural Engineering (*in part*).

MANTZ, ELMER, PH.D. Banks, History of (*in part*).

MARAN, RENE. French African Literature.

MARCEL, GABRIEL. Bernard, Jean Jacques; Romains, Jules.

MARCH, BENJAMIN. Iron in Art (*in part*).

MARCHANT, REV. SIR JAMES, K.B.E., F.R.S.
Birth-Control (*in part*).

MARETT, ROBERT RANULPH, M.A., D.Sc., F.R.A.I.
Anthropology; Dynamism; Mana; Prayer; Religion (*in part*); etc.

MARGOLIOUTH, DAVID SAMUEL, M.A., D.LITT., F.B.A. Egypt (*in part*); Ethiopic Literature (*in part*); Mohammed (*in part*); etc.

MARKBY, SIR WILLIAM, K.C.I.E., D.C.L. Indian Law (*in part*).
MARKS, LIONEL S., B.Sc., M.M.E. Mechanical Engineer; Power.
MARLOWE, C. Fens (*in part*).
MARQUAND, C. V. B. Asia (*in part*).
MARRIOTT, CHARLES, HON. A.R.I.B.A.
Religious and Memorial Architecture.
MARRIOTT, SIR JOHN ARTHUR RANSOME, M.A., M.P.
Baldwin, Stanley; Conservative Party.
MARSH, C. DWIGHT, A.M., PH.D., Sc.D. Poisonous Plants (*part*).
MARSH, EDWARD H., C.B., C.M.G., C.V.O. Brooke, Rupert.
MARSH, REV. F. S., M.A. Elijah; Elisha.
MARSH, LIEUTENANT-COLONEL W. LOCKWOOD, A.F.R.AE.S.
Aircraft in War (*in part*).
MARSHALL, F. H., M.A.
Greek Language (*in part*); Greek Literature (*in part*).
MARSHALL, F. H. A., M.A., D.Sc., F.R.S.
Reproduction, Physiology of.
MARSHALL, REV. NEWTON HERBERT, M.A., PH.D.
Baptists (*in part*).
MARSHALL, THOMAS MAITLAND, PH.D. St. Louis.
MARSTON, ELIZABETH H. Conditioned Reflex.
MARSTON, WILLIAM M., A.B., LL.B., PH.D.
Consciousness; Defence Mechanisms; Emotions, Analysis of; etc.
MARTEL, MAJOR G. le Q., D.S.O., M.C. Tanks.
MARTET, JEAN. Clemenceau, Georges.
MARTIN, SIR CHARLES JAMES, C.M.G., D.Sc., LL.D., F.R.C.P., F.R.S. Filter-Passing Viruses.
MARTIN, C. M., A.B. Gaming and Wagering (*in part*).
MARTIN, G., B.Sc. Rubber: Botany, Cultivation and Chemistry.
MARTIN, PAUL. Paris Metropolitan.
MARTIN, PERCY A. Brazil (*in part*).
MARTIN, THOMAS P., A.M., PH.D. Austin, Stephen Fuller; Dallas, G. M.; Green, Duff; McDuffie, George.
MARTIN, W. Switzerland (*in part*).
MARVIN, C. F., M.E. Sunshine (*in part*).
MARZIALS, SIR FRANK T., K.C.B.
Dumas, Alexandre; Zola, Emile Edouard Antoine.
MASARYK, THOMAS GARRIGUE. Czechoslovakia (*in part*).
MASON, ALFRED CHARLES, M.A. Rationing.
MASSEY, G. B., PH.D. Excavation (*in part*).
MASSON, CHARLES. Portrait Painting (*in part*).
MASSON, DAVID, LL.D. Milton, John (*in part*).
MASTERMAN, E. W. G. Sepulchre, The Holy.
MATHER, STEPHEN T. National Parks and Monuments (*in part*).
MATHERS, E. POWYS, B.A. Crossword.
MATHESON, COLONEL JOHN COLIN. Coast Defence (*in part*).
MATHEWS, SHAILER, D.D., LL.D.
Baptists (*in part*).
MATTHEW, WILLIAM DILLER, A.M., PH.D., F.R.S. Carnivora (*in part*); Equidae; Horse (*in part*); Toxodontia; Tylopoda; etc.
MATTHEWS, D. J. English Channel.
MATTHEWS, F. E., PH.D., F.I.C. Gold; Iridium; Osmium; Platinum; Rhodium; Ruthenium; Silver; etc.
MATTHEWS, R. BORLASE, A.M.INST.C.E., F.R.A.S.
Electrical Power in Agriculture (*in part*).
MATTHEWS, WALTER ROBERT, M.A., D.D. Theism.
MAUDE, COLONEL FREDERIC NATUSCH, C.B., R.E.
Franco-German War; Napoleonic Campaigns (*in part*); Seven Years' War (*in part*); etc.
MAUNSELL, LIEUTENANT-COLONEL FRANCIS RICHARD, C.B.E., C.M.G. Diarbekr (*in part*).
MAURICE, ARTHUR BARTLETT. Caricature (*in part*); Comic Strip.
MAURICE, MAJOR-GENERAL SIR FREDERICK BARTON, K.C.M.G. Haig, Earl; Jackson (Stonewall); Lee, Robert E.
MAURICE, HENRY GASCOYEN, C.B., B.A. Fisheries.
MAVROGORDATO, A. Miners' Phthisis.
MAWER, ALLEN, M.A. Aethelflaed; Aethelstan; Danelagh (*in part*); Denmark (*in part*); Edred; Edward (The Elder); Place Names.
MAWSON, THOMAS H., F.L.S. Landscape Architecture (*in part*).
MAXFIELD, J. P. Phonograph.
MAXSE, LIEUTENANT-GENERAL SIR F. IVOR, K.C.B., C.V.O., D.S.O. Infantry (*in part*).
MAXTED, EDWARD B., D.Sc., PH.D. Hydrogenation.
MAXWELL, JAMES CLERK, LL.D. Faraday, Michael (*in part*).
MAXWELL, WILLIAM HENRY, A.M.I.C.E. Destructors.
MAYBURY, BRIGADIER-GENERAL SIR HENRY PERCY, G.B.E., K.C.M.G., C.B., R.E. Traffic and Traffic Regulations (*in part*).
MAYER, OSCAR GOTTFRIED, A.B. Bacon (*in part*).
MEAD, ELWOOD, M.S., LL.D. Land Reclamation (*in part*).
MEAKIN, BUDGETT.
Almohades (*in part*); Almoravides (*in part*); Morocco (*in part*).
MEAKIN, KATE A. (MRS. BUDGETT MEAKIN). Morocco (*in part*).
MECHLIN, LEILA, M.A. Societies of Art (*in part*).
MEEHAN, JOHN F., LL.B. Football, Rugby (*in part*).
MEEK, H. B. Community Kitchen.
MEEKER, ROYAL, PH.D., LL.D. Cost of Living (*in part*).
MEES, CHARLES EDWARD KENNETH, D.Sc.
Motion Pictures (*in part*); Photography (*in part*).
MEHTA, K. P. Tata Sons, Limited.
MEILLET, ANTOINE. Albanian Language; Armenian Language.
MELLON, ANDREW WILLIAM. United States of America (*in part*).
MELLONE, SYDNEY HERBERT, M.A., D.Sc.
Anthropomorphism; Bible, English (*in part*); Christianity (*in part*); Gnosticism; Unitarianism; etc.
MELLOR, ARTHUR. Silk Manufacture (*in part*).
MELLOR, N. P. C. Saar (Saare) Territory.
MELVILLE, F. J. Philately.
MELVILLE, STANLEY, M.D., M.R.C.S. Radiotherapy.
MENCKEN, HENRY LOUIS. Americanism.
MENDELSOHN, ERICH. Industrial Architecture (*in part*).
MENZIES, REV. ALLAN, D.D. Scotland, Church of (*in part*).
MERKER, HERMAN, M.E. Containers, Metallic.
MERRILL, HON. FREDERICK JAMES HAMILTON, PH.D., F.G.S., M.A.INST.C.E. Quarrying.
MERRILL, MELVIN CLARENCE, A.M., PH.D. Cultivation (*part*).
MESTON, THE RT. HON. LORD, K.C.S.I., LL.D.
Delhi (*in part*); Egypt (*in part*); India (*in part*); etc.
MEYENDORFF, BARON ALEXANDER. Siberia (*in part*).
MEYER, ADOLF, M.D., LL.D. Insanity (*in part*).
MEYER, EDUARD, D.LITT.
Artabanus; Artaxerxes; Bactria; Darius; Demetrius; Media; Mithradates (*in part*); Parthia; Persia (*in part*); Persis; etc.
MEYERS, H. H., B.S. Fertilizers (*in part*).
MEYERSON, E. Explanation.
MEYNELL, ALICE. Browning, Elizabeth Barrett.
MEYNELL, FRANCIS. Books (*in part*).
MEYNELL, WILFRED. Meynell, Alice.
MICHELSON, A. A., PH.D., Sc.D., LL.D.
Interferometer (*in part*); Velocity of Light.
MICHOTTE, F. Belgium (*in part*).
MIDDLETON, JOHN HENRY, M.A., LITT.D., F.S.A., D.C.L.
Monreale (*in part*); Raphael (*in part*); Wren, Sir Christopher; etc.
MIERS, SIR HENRY ALEXANDER, D.Sc., F.G.S., F.R.S. Diamond.
MIJATOVICH, CHEDOMILLE. Karajich (*in part*).
MIKELL, WILLIAM E., LL.M., LL.D., D.C.L.
Criminal Law (*in part*).
MILBOURNE, R. J., M.INST.C.E. Gasholders.
MILES, J. HAMISH. Beerbohm, Max; Doughty, C.M.
MILIUKOV, PAUL, HON. LL.D. Duma; Russia (*in part*).
MILL, COURTENAY J. Stock Exchange or Bourse (*in part*).
MILL, HUGH ROBERT, D.Sc., LL.D. Geography.
MILLER, LIEUTENANT-COLONEL E.D., C.B.E., D.S.O.
Polo (*in part*).
MILLER, F. J. Scientific Management (*in part*).
MILLER, G. C. Lithography (*in part*).
MILLER, LLOYD R. Labour Turnover.
MILLER, S. N., M.A. Eburacum.
MILLER, WILLIAM, M.A., F.R.HIST.S.
Crete (*in part*); Dodecanese; Greece (*in part*); Thrace; etc.; Pangalos; Skanderbeg; Zaimis, Alexander.
MILLIGAN, REV. GEORGE, D.D., D.C.L. James.
MILLIKAN, ROBERT ANDREWS, PH.D., LL.D., Sc.D.
Electron.
MILLINGEN, ALEXANDER VAN, M.A., D.D.
Constantinople (*in part*).
MILLS, FREDERICK CECIL, PH.D. Prices, Statistics of (*in part*).
MILLS, JAMES PHILIP, M.A., I.C.S. Chakma; Magh; Mikir.

MILLS, MABEL H., M.A. Exchequer (*in part*).
MILLS, OGDEN L. Government Departments (*in part*).
MILLS, WILLIAM H., M.A., Sc.D., F.R.S. Stereochemistry.
MILNE, EDWARD A., M.B.E., M.A., M.Sc., F.R.S. Chromosphere.
MILRANY, D. Peasant Movement.
MIMS, EDWIN, A.M., PH.D. South, The (*in part*).
MINER, RAY WALDO. Museums of Science (*in part*).
MINGOS, HOWARD L. Transport by Air.
MINNS, ELLIS HOVELL, LITT.D., F.S.A., F.B.A.
Europe (*in part*); Tauri.
MINORSKY, V. F.
Iranian Languages and Persian; Persian Literature.
MIRBT, CARL THEODOR, D.TH.
Pius IX. (*in part*); Trent, Council of (*in part*); Ultramontanism (*in part*); Vatican Council, The (*in part*).
MIRSKY, PRINCE D. S. Chekhov; Dostioevski; Gorki, Maxim; Russian Language and Literature (*in part*); Tolstoy; Turgenev; Ukranian Literature; etc.
MITCHELL, A. D., D.Sc., F.I.C. Allotropy; Ammonia; Calcium; Carbon Compounds; Hydrogen; Hydrogen-Ion Concentration (*in part*); Stoicheiometry; Sulphur; Water; etc.
MITCHELL, BROADUS, A.B., PH.D. South, The (*in part*).
MITCHELL, CHARLES EDWIN, B.A.
National City Bank of New York, The.
MITCHELL, J. C., J.P., F.C.I.S.
Underground Electric Railways Company of London Limited.
MITCHELL, J. G., PH.D., B.Sc. Perylene.
MITCHELL, JOHN MALCOLM, O.B.E., M.C., M.A., F.S.A.
Carnegie Trusts (*in part*); Neoplatonism (*in part*); Persia (*in part*); Sphinx (*in part*); etc.
MITCHELL, SIR PETER CHALMERS, C.B.E., D.Sc., LL.D., F.R.S.
Alimentary Canal (*in part*); Biogenesis; Monster (*in part*); Zoological Gardens.
MITTEN, THOMAS EUGENE. Tramway (*in part*).
MOFFATT, REV. JAMES, M.A., D.D., D.LITT.
Galatians, Epistle to the; John, The Epistles of; Phillippians, Epistle to the; Timothy; Titus; etc.
MOFFATT, L. E. Household Appliances (*in part*).
MOHLER, J. R., A.M., D.Sc. Physical Resources (*in part*).
MONCUR, ALEXANDER.
Hongkong and Shanghai Banking Corporation.
MONEY, SIR LEO CHIOZZA, F.R.STAT.S., F.R.G.S., F.Z.S.
Articles on English Industrial and Shipping Concerns.
MONKHOUSE, WILLIAM COSMO. Hunt, William Holman (*in part*); Leighton, Lord; Millais, Sir John Everett (*in part*).
MONRO, C. C. A., M.A. Annelida (*in part*); Echiuroidea; Leech; Priapuloidea; Sipunculoidea.
MONTAGUE, FRANCIS CHARLES, M.A. English History (*in part*).
MONTAGU OF BEAULIEU, THE RT. HON. LORD, K.C.I.E., C.S.I.
Motoring (*in part*); Motor Transport, Commercial.
MONTGOMERY, GUSTAV ARTH. Finland (*in part*).
MOORE, H., D.Sc. Microscope (*in part*); Microscopy (*in part*).
MOORE, PHIL, E.M. Canoe (*in part*).
MOORE, ROBERT FOSTER, O.B.E., M.A., F.R.C.S.
Ophthalmology.
MOORHOUSE, EDWARD. Totalizator.
MORA, A. Plywood; Veneer.
MORE, JAMES A. Pig (*in part*); Sheep (*in part*).
MOREL-FATIO, ALFRED. Spanish Language and Literature (*in part*).
MORFILL, WILLIAM RICHARD, M.A. Nestor.
MORGAN, ARTHUR E., D.Sc. Antioch College.
MORGAN, CONWY LLOYD, D.Sc., F.R.S.
Emergence; Evolution and Mind; Animal Behaviour.
MORGAN, GEORGE, A.M., LL.D. Philadelphia.
MORGAN, GILBERT T., O.B.E., D.Sc., F.I.C., F.R.S.
Antimony; Arsenic; Bismuth; Diazo-Compounds; Mercury; Methyl Alcohol; Nitro-Compounds; Organo-Metallic Compounds; Ozone; Pyrazoles; Salicylic Acid; etc.
MORGAN, J. H., K.C.
Common Law; Constitution and Constitutional Law (*in part*); Parliament (*in part*); Petition of Right (*in part*); etc.
MORGAN, MISS M. K. Scarborough; Skipton.
MORGAN, THOMAS HUNT, M.S., PH.D., LL.D.
Gene; Lamarckism.
MORISON, STANLEY.
Calligraphy; Printing Type (*in part*); Typography.
MORLEY, CHRISTOPHER, A.B. Henry, O.
MORLEY OF BLACKBURN, THE RT. HON. VISCOUNT
Burke; Comte, Auguste (*in part*); Diderot (*in part*).
MORMINO, IGNAZIO. Sicily, Bank of.
MOROY, ELIE. Hospital (*in part*).
MORRELL, R. S., M.A., PH.D., F.I.C. Paints, Chemistry of (*in part*); Ultramarine; Varnishes, Chemistry of (*part*); etc.
MORRIS, FRANCES. Lace (*in part*).
MORRON, JOHN R. Atlas Portland Cement Company.
MORROW, H. L. Australian Literature; Street Cries.
MORROW, IAN F. D., PH.D. Black Sea (*in part*); Capitulations Dardanelles; Straits Question; etc.; Beust, F. F. von; Bismarck Schönhausen, Prince von; Cambon, Pierre Paul; etc.
MORSE, JR., JOHN TORREY. Holmes, Oliver Wendell.
MORTIMER, F. J., F.R.P.S. Photographic Art.
MORTIMER, HERBERT CLIFFORD. Divorce (*in part*).
MORTON, J. V. Chartreuse; Crême de Menthe; Curaçao.
MORTON, W. E., M.Sc.TECH.
Cotton and the Cotton Industry (*in part*).
MOSCA, GAETANO. Sicily (*in part*).
MOTT, SIR FREDERICK WALKER, K.B.E., M.D., F.R.C.P., F.R.S.
Neuralgia; Neurasthenia; Neuropathology; Paralysis.
MOULTON, CHARLES ROBERT, M.S.A., PH.D. Meat.
MOUNTAIN, SIR EDWARD MORTIMER, BART.
Fire Prevention and Extinction (*in part*).
MOYES, RT. REV. MONSIGNOR J., D.D. Pius XI. (*in part*).
MUDGE, GEORGE PERCIVAL, A.R.C.S., F.Z.S.
Incubators (*in part*).
MUDGE, ISADORE GILBERT, PH.D., B.L.S. Universities (*in part*).
MUDGE, LEWIS S., M.A., D.D., LL.D. Presbyterianism (*in part*).
MUHLFELD, JOHN E., M.E.
Locomotive Coaling (*in part*); Locomotive (*in part*).
MUIR, RAMSAY. Liberal Party.
MUIR, ROBERT, M.A., M.D., F.R.C.P., F.R.S.
Bacteria and Disease (*in part*).
MUIRHEAD, JAMES FULLARTON, LL.D.
Spitteler, Carl; Swiss Literature (*in part*); etc.
MUIRHEAD, JOHN HENRY, M.A., LL.D. Idealism.
MUIR-WOOD, HELEN M. Brachiopoda.
MULLER, H. J. Variation (*in part*).
MULLINGER, JAMES BASS, M.A. Universities (*in part*).
MUMFORD, LEWIS. Regional Planning (*in part*).
MUNRO, DANA C., A.M., L.H.D. Rome (*in part*).
MUNRO, NEIL, LL.D. Conrad, Joseph.
MURDOCK, KENNETH BALLARD, A.M., PH.D.
Longfellow; Mather, Cotton; Mather, Increase; Mather, Richard.
MURPHY, EDWIN S., A.B., LL.B. Salvage (*in part*).
MURPHY, SIR SHIRLEY FORSTER, F.R.S.
Slaughter-House (*in part*).
MURRAY, ALEXANDER STUART, LL.D. Lamp (*in part*).
MURRAY, DAVID LESLIE.
Beaconsfield, Benjamin Disraeli, Earl of.
MURRAY, GEORGE GILBERT AIME, M.A., LL.D., D.LITT., F.B.A., F.R.S.L. Drama (*in part*); Euripides; Homer; Homeric Poems.
MURRAY, MARGARET ALICE, F.S.A., F.R.A.I. Witchcraft.
MURRAY, W. L. Reuters.
MUSSEY, HENRY R., A.B., PH.D. Protection (*in part*).
MUZZEY, DAVID SAVILLE, A.B., B.D., PH.D.
United States of America (*in part*).
MYERS, A. WALLIS, C.B.E. Lawn Tennis and Tennis (*in part*).
MYERS, W. M., M.S. Physical Resources (*in part*).
MYRES, JOHN LINTON, O.B.E., M.A., D.Sc., F.S.A.
Argos (*in part*); Corfu; Crete (*in part*); Cyprus (*in part*); Oxford; Paphos; Thessaly; Troy and Troad (*in part*).
NAISMITH, JAMES, A.B. Basketball (*in part*).
NANSEN, FRIDTJOF, G.C.V.O., D.Sc., PH.D., F.R.G.S.
Refugees and Exchange of Populations.
NASH, MAJOR GENERAL SIR PHILIP ARTHUR MANLEY, K.C.M.G., C.B. Factory Construction and Planning.
NASMITH, FRANK, F.T.I. Cotton and Cotton Industry (*in part*).
NATHAN, COLONEL SIR FREDERICK LEWIS, K.B.E., M.I.CHEM.E., F.C.S. Alcohol in Industry (*in part*).
NATHAN, GEORGE JEAN, B.A. Drama (*in part*).
NATHAN, MAURICE. Fiat.

NAVARRO, J. M. de, M.A.
Hallstatt; La Tène; Teutonic Peoples (*in part*).
NAYLOR, HENRY DARNLEY, M.A. Australia (*in part*); New South Wales (*in part*); Queensland (*in part*).
NEEDHAM, JOSEPH, M.A., PH.D.
Hopkins, Sir Frederick Gowland.
NEEDHAM, RAYMOND, K.C. Corporation Profits Tax.
NEEDLES, A. C. Norfolk and Western Railway Company, The.
NEERGAARD, CHARLES F. Hospital Planning.
NEERGAARD, EBBE. Drama (*in part*).
NEFF, ANDREW, A.B., M.S., PH.D. Buffer Action.
NEGUS, V. E., M.S., F.R.C.S. Voice (*in part*).
NEILSON, MATTHEW. Coates, J. and P., Ltd.
NEILSON, WILLIAM ALLAN, PH.D., LL.D., D.LITT.
Smith College.
NEILSON, WINTHROP C., A.B. Bauxite (*in part*).
NELSON, E. W., A.M., PH.D. Biological Survey.
NEVINS, ALLAN, A.M.
Hearst, W. R.; Pulitzer, J. (*in part*); Washington, G.; Roosevelt, F. D.
NEW, HARRY STEWART, LL.D. Government Departments (*in part*); Post and Postal Services (*in part*).
NEWBIGIN, MARION I., D.Sc. Balkan Peninsula (*in part*); Bulgaria (*in part*); Greece (*in part*); Yugoslavia (*in part*); etc.
NEWCOMB, HARRY T., LL.M. Railways (*in part*).
NEWCOMB, J. CHURCHILL, A.B. Dog (*in part*).
NEWCOMB, SIMON. Neptune (*in part*).
NEWHOUSE, EDGAR L.
American Smelting and Refining Company.
NEWMAN, ALBERT H., LL.D., D.D. Baptists (*in part*).
NEWMAN, MAJOR E. W. POLSON. Damascus (*in part*).
NEWMAN, SIR GEORGE, K.C.B., M.D., F.R.C.P., D.P.H.
Preventive Medicine (*in part*).
NEWTON, A. PERCIVAL, M.A., D.LITT., B.Sc., F.S.A.
British Empire (*in part*).
NEYLAN, SIR DANIEL, C.B.E. Disposal Board.
NICHOL, JOHN. Burns, Robert.
NICHOLL, C. CARLYON, B.A., F.I.A., F.F.A.
Life Insurance (*in part*).
NICHOLS, ROYAL F., A.M., PH.D. Taylor, Zachary.
NICHOLSON, EDWARD MAX. Birds (*in part*).
NICHOLSON, EDWARD WILLIAMS BYRON, M.A.
Mandeville, Jehan de (*in part*).
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QUILLER-COUCH, SIR ARTHUR THOMAS, J.P., M.A., LL.D., F.R.S.L. Brown, Thomas Edward.

RACKHAM, BERNARD, M.A. Pottery and Porcelain (*in part*).

RADCLIFFE, LEWIS, A.B., M.S.
Fisheries, Law of (*in part*); Physical Resources (*in part*).

RADHAKRISHNAN, S., M.A. Indian Philosophy.

RADICE, MRS. SHEILA. School and the Home.

RAIT, R. S., C.B.E.
Casket Letters; Mary Queen of Scots (*in part*); Scotland (*in part*).

RAMSAY, SIR WILLIAM MITCHELL, LL.D., LITT.D., D.D., HON. D.C.L. Smyrna (*in part*).

RAMSAYE, TERRY. Motion Pictures (*in part*).

RAMSBOTTOM, J., O.B.E., M.A. Truffle.

RAMSEY, FRANK PLUMPTON, M.A.
Mathematics, Foundations of; Russell, Bertrand (*in part*).

RAND, N. DWIGHT. Explosives (*in part*).

RANDALL-MacIVER, DAVID, M.A., D.Sc., F.S.A.
Apulia (*in part*); Comacines; Etruscans; Sicily (*in part*); Villanovans.

RANNEY, GEORGE A. International Harvester Company, The.

RANSOME, ARTHUR. Trotsky, Lev Davidovich.

RAPPARD, W. E. Switzerland (*in part*).

RASCHE, WILLIAM F., B.Sc., M.A., PH.D. Commercial Education (*in part*); Education and Industry (*in part*); etc.

RASTALL, ROBERT HERON, Sc.D., F.G.S., M.INST.M.M.
Dolerite; Geology; Gypsum; Quartz; etc.

RATCLIFFE, REV. E. C., M.A. Eucharist (*in part*).

RATHBONE, ELEANOR F., M.A. Family Allowances; Fawcett, Dame.

RATNER, WILLIAM. Cycling (*in part*).

RAVEN, H. C. Kangaroo.

RAVENSTEIN, ERNEST GEORGE, M.A., PH.D. Map (*in part*).

RAWLE, FRANCIS, LL.B., A.M. Inheritance (*in part*).

RAWLINSON, REV. A. E. J., D.D. Gospel; Mark, Gospel of.

RAY, SIDNEY H., M.A., F.R.ANTH.S. Papuan Languages.

RAYLEIGH, JOHN WILLIAM STRUTT, 3RD BARON.
Argon (*in part*); Sky (*in part*).

RAYLEIGH, ROBERT JOHN STRUTT, LORD. Argon (*in part*).

RAYMOND, CORNELIA M., A.B. Vassar College.

RAYNER, M.C. Mycorrhiza.

READ, C. STANFORD, M.D., M.R.C.S., L.R.C.P.
Hypnotism; Hypochondriasis; Hysteria; Insanity (*in part*); Insomnia; Psychosis (*in part*); Psychotherapy.

READ, HERBERT, D.S.O., M.C. Stained Glass (*in part*).

READ, JOHN. Camphors; Chemistry (*in part*); Pyridine.

READ, THOMAS THORNTON, E.M., PH.D.
Physical Resources (*in part*).

REANEY, MABEL J., D.Sc. School and Curriculum (*in part*).

REBOUX, PAUL. Gastronomy.

REDDAWAY, WILLIAM FIDDIAN, F.R.HIST.S. Norway (*in part*).

REDDEN, WILLIAM R., A.M., M.D.
Antidotes; Bandages and Bandaging.

REDFERN, PERCY. Co-operation (*in part*).

REDINGTON, PAUL G. Game Laws (*in part*).

REDLICH, JOSEF. Austria-Hungary (*in part*).

REDMAYNE, SIR RICHARD AUGUSTINE STUDDERT, K.C.B., M.Sc., M.INST.C.E., M.I.M.E., F.G.S. Anthracite; Coal and Coal Mining (*in part*); Low-Temperature Carbonization; Peat; Pulverized Fuel; Royalty, in Mining; etc.

REDWAY, MAJOR GEORGE WILLIAM. Petersburg Campaign; Seven Days' Battle; Shenandoah Valley (*in part*).

REED, ALFRED Z., A.M., PH.D. Lawyer.

REED, C. O., B.S. Agricultural Machinery and Implements (*in part*).

REED, T. School and Curriculum (*in part*).

REES, J. F. Commerce.

REES, JOHN MORGAN, M.A. Syndicalism (*in part*).

REEVE, FRANK D., M.A. New Mexico.

REEVES, HON. WILLIAM PEMBER, PH.D.
Grey, Sir George (*in part*); New Zealand (*in part*).

REGAMEY, RAYMOND. Iron in Art (*in part*).

REGAN, CHARLES TATE, M.A., F.R.S.
Cod; Cyclostomata; Fishes; Salmon; Selachians; Shark; etc.

REGAUD, CLAUDIUS FRANCOIS. Radiumtherapy.

REID, MRS. E.M., B.Sc., F.L.S., F.G.S. Palaeobotany (*in part*).

REID, SIR GEORGE. Turner, Joseph Mallord William (*in part*).

REID, JAMES SMITH, M.A., LITT.D., LL.D.
Rutilius Claudius; Statius, Publius (*in part*).

REID, ROBERT WILLIAM, M.D., LL.D., F.R.C.S. Anatomy (*part*).

REID, WILLIAM ALFRED, LL.M.
A.B.C. Powers; Buenos Aires; Bahia; Plata, Rio de la; etc.

REIGHARD, J., PH.B. Pisciculture (*in part*).

REILEY, A. C. Typewriter.

REILLY, CHARLES HERBERT, O.B.E., M.A., F.R.I.B.A.
Delhi (*in part*); Renaissance Architecture (*in part*).

REILLY, P. J. Retailing.

REINHARDT, MAX. Theatre (*in part*).

REITELL, CHARLES, PH.D. Scientific Management (*in part*).

REITH, SIR JOHN CHARLES WALSHAM. Broadcasting (*in part*)

REMBAUGH, BERTHA, A.M., LL.B.
Arrest, Bail, Blackmail, Bribery, *in part.*

RENDLE, ALFRED BARTON, M.A., D.Sc., F.R.S.
Angiosperms (*in part*); Botany; Coffee (*in part*); Leaf (*in part*).

RENOUVIN, P. War Guilt (*in part*).

RENTON, SIR ALEXANDER WOOD, K.C., G.C.M.G., M.A., LL.B
Arbitration (*in part*); Ejectment (*in part*); Fixtures; Inebriety (*in part*); Landlord and Tenant (*in part*); Rent; etc.

RETZER, ROBERT. Reinsurance (*in part*).

REW, SIR HENRY, K.C.B. Agricultural Economics; Agricultura Statistics; Land Tenure; Small Holdings, etc.; Cattle Breeding Dry Farming; Drainage; etc.; Bacon; Beef; Butter; etc.

REY, CHARLES FERNAND.
Abyssinia (*in part*); Harar; Kaffa; Tana.

REYNARD, MISS H., M.A. School and Curriculum (*in part*).

REYNOLDS, ARTHUR.
Continental National Bank and Trust Company of Chicago.

REYNOLDS, T. J. Diamond Match Company.

RHEINBABEN, ROCHUS FREIHERR von. Stresemann, Gustav.

RHODES, GEORGE C. Transatlantique, Compagnie Générale.

RHYS, ERNEST. Author; Bookselling (*in part*); Publishing.

RICCI, CORRADO. Baroque Architecture.

RICE, GRANTLAND. Golf (*in part*).

RICHARDS, CHARLES RUSSEL.
Modern Tendencies in Applied Art.

RICHARDS, G. W., A.M., D.D., LITT.D., D.TH. Shakers.

RICHARDS, THEODORE WILLIAM, PH.D., LL.D., M.D., D.Sc.
Atomic Weights.

RICHARDSON, ALBERT EDWARD, F.S.A., F.R.I.B.A.
Modern Architecture (*in part*).

RICHARDSON, C. A., M.A. Pluralism.

RICHARDSON, H. G., M.A., B.Sc.
Agricultural Machinery and Implements (*in part*); Cultivating Machinery (*in part*); Harvesting Machinery (*in part*); Sheep Shearing Machines (*in part*); etc.

RICHARDSON, L. S., B.S. Agricultural Societies and Shows (*in part*); Apple (*in part*); Harvesting Machinery (*in part*); Soya Bean

RICHARDSON, OWEN WILLANS, M.A., D.Sc., F.R.S.
Thermionics.

RICHARDSON, WILDS PRESTON.
Alaska (*in part*); Cordova; Juneau.

RICHTER, GISELA, M.A., LITT.D.
Gems in Art; Terra-Cotta (*in part*).

RICHTER, IRMA. Bouts, Dierick; Gainsborough, Thomas; Gauguin Paul; Gogh Van; Goya y Lucientes; Picasso; Theotocopuli; etc. Duccio de Buoninsegna; Farinato, Paolo; Ferrari, G.; Titian (*in part*) and biographies of other Italian painters.

RIDDELL, JOHN ROBERTSON.
Collotype; Colour Printing; Lithography (*in part*); Photo-Engraving; Photogravure; Printing (*in part*).

RIDEAL, ERIC KEIGHTLEY, M.B.E., D.Sc., PH.D., F.I.C.
Catalysis.

RIDGWAY, ROBERT, A.M., M.S. Tunnel.

RIPAULT, LOUIS. Herriot, Edouard.

RIPPER, WILLIAM, D.Sc., M.INST.C.E., M.I.MECH.E.
Cutlery; File Manufacture; Razor.

RISHBETH, O. H. T., M.A., F.R.G.S.
Australia (*in part*); New South Wales (*in part*); and articles on the physiography of the States of Australia.

RITCHIE, ALBERT C. Maryland.

RITCHIE, JAMES, M.A., D.Sc., F.R.S.E. Sheep (*in part*).

RITT, JOSEPH FELS, PH.D. Calculus, Differential and Integral.

RIVIERE, CLIVE, M.D., F.R.C.P. Pneumothorax.

ROBBINS, H. C. Press Association, The.

ROBERTS, JAMES ERNEST HELME, M.B., B.S., F.R.C.S.
Heart and Lung, Surgery of.

ROBERTS, R. ELLIS, B.A. Autobiography; Ibsen, Henrik Johan.

ROBERTS, SYDNEY CASTLE, M.A.
Boswell, James; Johnson, Samuel (*in part*).

ROBERTS, W. Art Sales.

ROBERTSON, MISS A. J., M.A. Anglo-Saxon Law (*in part*).

ROBERTSON, SIR CHARLES GRANT, C.V.O., M.A., HON.LL.D.
English History (*in part*); Reform Movement (*in part*).

ROBERTSON, DAVID A., A.B., LL.D. Summer Schools (*in part*).

ROBERTSON, D. H., M.A. Trade Cycle.

ROBERTSON, EDWARD, M.A.
Baalbek; Bashan; Damascus (*in part*); Dead Sea; Galilee; Joppa; Nazareth; Olives, Mount of; Samaria; etc.

ROBERTSON, HOWARD, F.R.I.B.A.
Social Architecture (*in part*).

ROBERTSON, JAMES ALEXANDER, PH.B., L.H.D.
Aliaga; Manila; Philippine Islands.

ROBERTSON, JOHN GEORGE, M.A., PH.D., HON. LITT.D.
Eulenspiegel, Till; German Literature; Goethe; Heine (*in part*); Meistersinger; Schiller; etc.

ROBERTSON, J. M.
Coleridge, Samuel Taylor; Shakespeare (*in part*).

ROBERTSON, SIR ROBERT, K.B.E., M.A., D.Sc., LL.D., F.R.S.
Alcohol in Industry (*in part*).

ROBERTSON, WILLIAM SPENCE, PH.D. Venezuela (*in part*).

ROBINSON, CHARLES EDMUND NEWTON, M.A.
Epée-de-Combat (*in part*).

ROBINSON, MAJOR-GENERAL CHARLES WALTER, C.B., D.C.L.
Salamanca (*in part*); Vitoria, Battle of.

ROBINSON, HENRY M. Los Angeles.

ROBINSON, REV. HENRY WHEELER, M.A., D.D. Canticles; Habakkuk; Holy Spirit; Hosea; Malachi; Obadiah; Psalms; etc.

ROBINSON, JAMES HARVEY, A.M., PH.D., LL.D. Civilization.

ROBINSON, LENNOX. Yeats, William Butler.

ROBINSON, MAUD. Sculpture Technique (*in part*).

ROBINSON, MISS O. J., M.Sc., N.D.A., N.D.D. Milk (*in part*).

ROBINSON, ROBERT, D.Sc., F.R.S.
Anthocyanins; Chlorophyll, Chemistry of.

ROBINSON, THEODORE H., M.A., D.D. Adam; Amos; Deborah; Deuteronomy; Exodus, The; Jeremiah; Lamentations; etc.

ROBINSON, W. A., A.M. Negro, The American (*in part*).

ROBISON, REAR-ADMIRAL SAMUEL S.
Midshipman (*in part*); United States Naval Academy.

ROBSON, GUY COLWIN, M.A. Amphineura; Cephalopoda; Gastropoda; Lamellibranchia; Mollusca; Scaphopoda; Species (*in part*); Variation (*in part*); etc.

ROCKWELL, WILLIAM WALKER, A.B., PH.D. Boniface, Puritanism.

ROCKWOOD, NATHAN CHAMBERLAIN, B.S. Aggregate.

RODD, THE RT. HON. SIR JAMES RENNELL, G.C.B., G.C.M.G., G.C.V.O., M.P. Egypt (*in part*).

RODGERS, WILLIAM L.
Farragut, Admiral; United States of America (*in part*).

ROGERS, SIR LEONARD, C.I.E., M.D., F.R.C.P., F.R.G.S., F.R.S.
Kala-Azar; Leprosy.

ROLLESTON, SIR HUMPHRY (DAVY), K.C.B., M.A., M.D., HON.D.Sc., LL.D. Diagnosis; Goitre; Longevity; Medicine, General; Therapeutics.

ROMANELLI, LIEUTENANT-COLONEL GUIDO.
Kun, Bela (*in part*).

ROMANES, JAMES, M.A., F.G.S., M.I.P.T.
Albertite; Bitumen; Ozokerite.

ROMEIN, J. M. F. Inland Water Transport; Vistula.

RONAN, REV. MYLES V., M.R.I.A.
Roman Catholic Church (*in part*).

ROOT, ELIHU, A.M., LL.D., D.C.L.
Permanent Court of International Justice.

ROPES, JAMES HARDY, D.D.
Corinthians, Epistles to the; Ephesians, Epistles to the.

ROSCOE, EDWARD STANLEY. Laws Relating to Seamen (*in part*); Sea Laws (*in part*); Wreck (*in part*).

ROSCOE, FRANK, M.A. Summer Schools (*in part*).

ROSE, CHARLES B. Fire Engines (*in part*).

ROSE, HERBERT JENNINGS, M.A. Calendar, Chronology, Greek Religion, etc., *in part*; Greek Literature, Latin Literature, *in part*; Hercules; Odysseus; Prometheus (*in part*); etc.

ROSE, HORACE ARTHUR, I.C.S.
Afridi (*in part*); Caste; India (*in part*); Sikhs.

ROSE, JOHN HOLLAND, M.A., D.LITT.
English History (*in part*); Sièyes (*in part*); Talleyrand-Périgord.

ROSE, SIR THOMAS KIRKE, D.Sc., A.R.S.M.
Amalgamation (*in part*); Gold Mining and Metallurgy; Silver: Metallurgy, Mining and Production; etc.

ROSENBAUM, SAMUEL R., LL.M., B.S.
Judicial Reform (*in part*).

ROSENHAIN, WALTER, D.Sc., F.R.S.
Metallography; Metallurgy.

ROSENHAU, MILTON J. Preventive Medicine (*in part*).

ROSENOW, EDWARD CARL, M.D., D.Sc., LL.D.
Focal Infection (*in part*).

ROSENWALD, JULIUS. Philanthropy.

ROSS, SIR EDWARD DENISON, C.I.E., PH.D., F.R.G.S., M.R.A.S., F.S.A.B. Manchu Language; Mongolian Language and Literature (*in part*); Turkish Language and Literature (*in part*); etc.

ROSS, HUGH MUNRO. Alchemy (*in part*).

ROSS, JOHN, PH.D., B.Sc., A.R.C.S., D.I.C. Quinoline.

ROSS, R. Great Britain (*in part*).

ROSS, SIR RONALD, K.C.B., K.C.M.G., M.D., D.Sc., F.R.S.
Malaria (*in part*).

ROSS, W. L. New York, Chicago and St. Louis Railroad.

ROSSE, HERMAN. Costume Design (*in part*).

ROSSETTI, WILLIAM MICHAEL. Shelley, Percy Bysshe (*in part*); Tintoretto (*in part*); Titian (*in part*); etc.

ROSS-JOHNSON, D. Port Operation (*in part*).

ROST, REINHOLD, C.I.E., LL.D. Tamils (*in part*).

ROTH, CECIL, M.A., B.LITT., D.PHIL. F.R.HIST.S.
Brampton, Sir Edward; Jews (*in part*).

ROTHAFEL, SAMUEL L. Stage Design (*in part*).

ROUND, JOHN HORACE, M.A., LL.D.
Baronet; Earl; Marquess; etc.; Clare (Family) etc.; Bayeux Tapestry; Domesday Book; Scutage; Serjeanty; etc.

ROUSE, WILLIAM HENRY DENHAM, LITT.D.
Classical Education (*in part*).

ROUSSIN, LEANDER GASPARD, C.M.G. Greece (*in part*).

ROWE, A. P. Aerial Navigation.

ROWE, LEO S., PH.D., LL.D. Pan-American Union.

ROWLAND, DUNBAR, B.S., LL.D. Mississippi.

ROWNTREE, B. SEEBOHM. Poverty Line; Welfare Work.

ROWNTREE, CECIL W., M.B., B.S., F.R.C.S.
Bones, Diseases and Injuries of.

ROXBY, P. M., M.A.
Canton; China (*in part*); Chin Hills; Chungking; Formosa (*in part*); Hongkong; Manchuria (*in part*); Mongolia (*in part*).

ROY, CAMILLE, D.PH., L-ÈS-L., F.R.S.C.
Canadian Literature in French.

ROYSE, M. W., PH.D. Aerial Law (*in part*).

RUDLER, FREDERICK WILLIAM, I.S.O., F.G.S.
Cats-Eye; Celestine; Marble (*in part*).

RUDOLF, G. R. Average.

RUGGLES-BRISE, SIR EVELYN J., K.C.B. Prison (*in part*).

RUKEYSER, MERRYLE S., B.LITT., M.A.
Company Promoting (*in part*); Investment Trusts (*in part*); etc.

RUNDLE, COMMANDER H. J. M., O.B.E., R.N.
Coast Guard (*in part*).

RUNNER, J. J., PH.D. Bad Lands.

RUPERT, F. F., A.M., PH.D. Physical Resources (*in part*).

RUSS, SIDNEY. Radiology.

RUSSELL, ALEXANDER SMITH, M.A., M.C., D.Sc.
Radium; Radon.

RUSSELL, HON. BERTRAND ARTHUR WILLIAM, M.A., F.R.S.
Relativity: Philosophical Consequences.

RUSSELL, SIR EDWARD JOHN, O.B.E., D.Sc., F.R.S.
Agricultural Research; Fertilizers (*in part*); Soil (*in part*); etc.
RUSSELL, ELBERT, PH.D. Friends, Society of (*in part*).
RUSSELL, HENRY NORRIS, PH.D., D.Sc. Stellar Evolution.
RUSSELL, THOMAS. Advertising (*in part*).
RUTHERFORD, SIR ERNEST, O.M., F.R.S. Radioactivity.
RYAN, JAMES H., S.T.D., TH.D. Parochial Schools.
RYAN, M. J., B.A., B.L. Brehon Laws (*in part*).
RYDEN, GEORGE H., M.A., PH.D. Delaware.
RYLE, JOHN ALFRED, M.D., F.R.C.P., F.R.S.M.
Pain, Significance of.
SABONADIERE, A., I.C.S. (retired). Indian Law (*in part*).
SACKS, CAPTAIN JOHN C. Fur Farming.
SADGROVE, W. HOWARD.
Furniture Manufacture (*in part*); Upholstery.
SAFFORD, ARCHIBALD. Distress.
SAFRASTIAN, A. Armenia (*in part*); Asia Minor (*in part*); Kurdistan (*in part*); Mosul (Vilayet) (*in part*).
ST. CYRES, VISCOUNT. Casuistry; Jansenism (*in part*).
ST. HELIER, THE RT. HON. LORD. Divorce (*in part*).
SAINTSBURY, GEORGE EDWARD BATEMAN, LL.D., D.LITT., F.B.A. Balzac; Gautier; Mérimée, Prosper; Romance.
SAKLATWALLA, B. D., B.Sc. Physical Resources (*in part*).
SAKURAZAWA, H. Korea, Bank of.
SALAMAN, MALCOLM CHARLES. Crayon; Glass Prints; Monotypes; Stipple and Crayon Engraving.
SALISBURY, EDWARD JAMES, D.Sc., F.L.S. Plants (*in part*).
SALMON, EDWARD, O.B.E. Brunei, Borneo, Java, Malay Archipelago, and Sumatra, *in part;* Blackwater Fever (*in part*).
SALMON, REV. STEWART DINGWELL FORDYCE, M.A., D.D. Logos (*in part*).
SALTER, SIR JAMES ARTHUR, K.C.B. Allied Maritime Transport Council; League of Nations (*in part*); War Control of Shipping.
SALTER, WILLIAM HENRY, M.B.E., M.A., LL.B.
Psychical Research.
SALZMAN, L. F., M.A., F.S.A.
Aucassin and Nicolette; Bestiary; Minstrel.
SAMPSON, GEORGE, HON. M.A.
Biography (*in part*); School Libraries (*in part*).
SAMPSON, RALPH A., M.A., D.Sc., F.R.S.
Chronograph; Time Measurement.
SANCTIS, GAETANO de. Hannibal.
SANDERS, WALTER C. Bearings (*in part*); Railways (*in part*).
SANDYS, JOHN EDWIN, M.A., LITT.D., LL.D., F.B.A.
Pausanias (*in part*).
SANGER, CHARLES PERCY. Russell, Bertrand (*in part*).
SANGER, SOPHY. Labour Law (*in part*).
SANKEY, RT. HON. LORD, OF MORETON, G.B.E.
Criminal Appeal, Court of.
SAPIR, E., A.M., PH.D. Central and North American Languages.
SAPP, ARTHUR HENRY, A.B., LL.B. Rotary Club (*in part*).
SARGENT, FREDERICK W., LL.B.
Chicago and North Western Railway Company.
SARGENT, JOHN GARIBALDI, A.M., LL.D.
Attorney-General (*in part*).
SAURAT, D. Drama (*in part*); French Literature (*in part*).
SAUVAGEOT, AURELIEN. Ural-Altaic Languages.
SAVAGE, HARLOW DOW. Dry Quenching.
SAVAGE, HOWARD JAMES, A.M., PH.D. Athletic Sports (*in part*).
SAXE, ELEANOR B., A.M. Fan.
SAXTON, W. T., M.A. Gymnosperms.
SAYCE, REV. ARCHIBALD HENRY, D.LITT., LL.D., D.D.
Assur-Bani-Pal; Babylonia and Assyria (*in part*); Persepolis (*in part*); Sardanapalus; Sennacherib; etc.
SAYCE, R. U., M.A. Cape Colony (*in part*); Orange Free State, Rhodesia, Transvaal, etc., *in part*; South Africa, Union of (*in part*); Cape Town, Durban, Harrismith, etc.
SAYRE, MONELL. Pensions: The United States (*in part*).
SCAMMELL, J. M., A.B. Daras; National Guard.
SCANDRETT, HENRY A., B.L., LL.B.
Chicago, Milwaukee, St. Paul and Pacific Railroad Company.
SCARBOROUGH, DOROTHY, A.M., LITT.D., PH.D.
Negro, The American (*in part*).
SCHADE, JAMES W., A.B.
Rubber: Production and Manufacture.
SCHAPERA, ISRAEL. Africa (*in part*); Bushman Languages; Chief: Dual Organization; Gerontocracy; Hottentots (*in part*).
SCHILLER, FERDINAND CANNING SCOTT, M.A., D.Sc., F.B.A Pragmatism.
SCHLESINGER, KATHLEEN.
Crowd; Organ (*in part*); Pianoforte (*in part*).
SCHLINK, F. J. Standardization (*in part*).
SCHMIDT, P. WILHELM, S.V.D. Numeral Systems.
SCHMIDT, REV. PATER WILHELM, D.TH., S.V.D.
Australian Languages.
SCHMIDT, ROBERT. Glass (*in part*).
SCHNEIDER, HENRY C., M.E.
Windmills and Wind Power (*in part*).
SCHOLEFIELD, F., M.Sc.
Cloth Finishing; Cotton and the Cotton Industry (*in part*).
SCHOLES, PERCY ALFRED, B.MUS., A.R.C.M.
Scriabin, Alexander Nicholaevich.
SCHOTT, G. Atlantic Ocean; Black Sea; Mediterranean Sea (*in part* North Sea.
SCHURER, EMIL, D.PH. Philo (*in part*).
SCOTT, A. Lloyd's Register of Shipping.
SCOTT, REV. CHARLES ANDERSON, M.A., D.D.
Jesus Christ (*in part*); Ulfilas (*in part*).
SCOTT, CHARLES F., A.M., Sc.D., ENG.D.
Engineering Education (*in part*).
SCOTT, HENRY HAROLD, M.D., M.R.C.S., L.R.C.P., D.P.H F.R.S.E. Sprue.
SCOTT, HUGH ARTHUR.
Concert; Extemporization; Leitmotiv; Tschaikovsky.
SCOTT, J. W., M.A., D.PH. Neo-Hegelianism.
SCOTT, RT. HON. SIR LESLIE FREDERIC, K.C., M.A.
Broker; Factor (*in part*).
SCOTT, ROBERT, M.B., CH.B. Medical Legislation (*in part*).
SCOTT, SIR ROBERT RUSSELL, K.C.B. Civil Service (*in part*).
SCOTT, WALTER. Plumbing.
SCRIMGEOUR, JOHN STUART, O.B.E.
Betting Tax; Entertainments Duty; Increment Value Duty.
SCROGGS, WILLIAM OSCAR, PH.D. Walker, William.
SCUDDER, HORACE ELISHA.
Lowell, James Russell; Stowe, Harriet Elizabeth (Beecher).
SEARES, F. H., B.S. Photography, Celestial (*in part*).
SEARS, JOHN EDWARD, C.B.E., M.A., M.I.MECH.E., A.M.INST.C.I F.INST.P. Metrology; Precision Gauges and Comparators.
SECCOMBE, THOMAS, M.A. English Literature (*in part*); Gilbe Sir W. S.; also Johnson, Samuel; Marlowe, Christopher; etc., *in pa*
SEDIVY, KAREL. Czechoslovakia (*in part*).
SEE, HENRY. Anne of Brittany.
SEGAL, LOUIS, M.A., PH.D. Soviet Trade Organizations.
SEIGNOBOS, C., D-ès-L.
Europe (*in part*); Reform Movement (*in part*).
SELIGMAN, CHARLES GABRIEL, M.D., F.R.C.P., F.R.S.
Africa (*in part*); Anthropology, Applied; Arabs; Bari-speaki Tribes; Nilotes; etc.
SELIGMAN, RICHARD, A.C.G.I.
Aluminium; Aluminium Bronze; Duralumin.
SELLAR, WILLIAM YOUNG, LL.D. Juvenal (*in part*); Latin L erature (*in part*); Lucilius, Gaius (*in part*); Virgil (*in part*).
SELLS, DOROTHY M., M.A., PH.D. Trade Board (*in part*).
SELVER, PAUL. Drama (*in part*).
SERRIGNY, GENERAL BERNARD. France (*in part*).
SETH-SMITH, DAVID, F.Z.S., M.B.O.U. Aviary.
SETON-KARR, SIR HENRY, C.M.G. Gun.
SETON-WATSON, ROBERT WILLIAM, LITT.D.
Bosnia and Hercegovina; Dalmatia; Montenegro; Peter I.; Ser (*in part*); Yugoslavia (*in part*); etc.
SEWARD, A. C., M.A., Sc.D., F.R.S.
Palaeobotany (*in part*).
SEYMOUR, CHARLES, PH.D., LITT. D., LL.D.
Coolidge, President; Harding, President, House, Edward Mand Lodge, Henry Cabot; Washington Conference; Wilson, Presiden
SEYMOUR, CHARLES J. Dress Manufacturing.
SHADWELL, ARTHUR, M.A., M.D., LL.D., F.R.C.P.
Plague (*in part*); Prostitution; Temperance.

SHAKESPEARE, W., F.R.A.M. Singing.
SHANAHAN, WILLIAM T., M.D. Epilepsy.
SHAND, ALEXANDER FAULKNER. Character.
SHANKS, WILLIAM. Porcelain Enamelling.
SHANTZ, H. L., PH.D., D.Sc.
Physical Resources (*in part*).
SHAPLEY, H., A.M., LL.D., PH.D. Star Cluster.
SHARP, DOROTHEA E., PH.D.
Bacon, Roger; Bonaventura, Saint; Duns Scotus, John.
SHARP, WILLIAM. Thoreau, Henry David (*in part*).
SHATTOCK, REV. E. A., M.A., B.LITT., F.R.A.I.
Morality, Primitive.
SHAW, C. Deaf and Dumb, Education and Welfare of the.
SHAW, CHARLES GRAY, PH.D. Housing (*in part*).
SHAW, GEOFFREY. School and Curriculum (*in part*).
SHAW, GEORGE BERNARD. Socialism: Principles and Outlook.
SHAW, H., M.Sc. Gravitation.
SHAW, JAMES B. Linear Algebras.
SHAW, WILFRED B. Michigan, University of.
SHAW OF DUNFERMLINE, THE RT. HON. LORD, K.C., M.A., LL.B., D.C. Privy Council, Judicial Committee of the.
SHEAR, CORNELIUS L., PH.D. Vine (*in part*).
SHEARMAN, THOMAS G. George, Henry.
SHEBBEARE, REV. CHARLES JOHN, M.A.
Atheism; Pantheism (*in part*); Trinity.
SHEE, GEORGE F., M.A.
Life-Boat and Live-Saving Service (*in part*).
SHELDON, ADDISON ERWIN, A.M., PH.D. Nebraska.
SHELLEY, A. N. C., M.A., B.C.L.
Fair (*in part*); Government Departments (*in part*).
SHEPARD, E. V., S.B.
All Fours; Auction Pitch; Casino; Rummy (*in part*); Skat (*part*).
SHEPARD, FRANCIS H. Locomotive (*in part*).
SHEPARDSON, FRANCIS WAYLAND, PH.D., LL.D.
Fraternities, College.
SHEPPARD, CAPTAIN E. W., O.B.E., M.C.
Crimean War (*in part*); Frontier, Battles of the (*in part*).
SHEPPARD, S. E. Photochemistry.
SHEPPARD, WILLIAM FLEETWOOD, M.A., Sc.D., LL.M.
Calculus of Differences; Mensuration; Probability and Error; etc.
SHERINGHAM, HUGH TEMPEST. Angling (*in part*).
SHERMAN, MARY. Women's Clubs, The General Federation of.
SHERMAN, ORRIN G. Early Closing Movement (*in part*); Employee Stock Ownership; Employment Exchange (*in part*); etc.
SHERRINGTON, CHARLES ELY ROSE. Railways (*in part*).
SHERRINGTON, SIR CHARLES SCOTT, O.M., G.B.E., M.A., M.D., D.Sc., F.R.C.P., F.R.S. Brain (*in part*); Spinal Cord (*in part*); Sympathetic System.
SHERWELL, ARTHUR. Disinterested Management; "Gothenburg" Licensing System; Licensed Victualler.
SHERWOOD, FREDERIC WILLIAM, B.A. Blackstone, Sir W.
SHIEBLER, GEORGE L. Lacrosse (*in part*).
SHIELDS, MATTHEW J., M.D. First Aid to the Injured.
SHKLOVSKY, I. W. Andreyev, Leonid Nicolaievich.
SHOREY, EDMUND C., A.M., D.Sc. Liming (*in part*).
SHOTWELL, JAMES THOMSON, PH.D., LL.D. Boniface, Saint; Golden Rose (*in part*); History; Louis IX. (*in part*).
SHOWERMAN, GRANT, PH.D. Attis; Syncretism.
SIBREE, REV. JAMES, D.D., F.R.G.S. Madagascar (*in part*).
SIDEBOTHOM, HERBERT. Fisher, John Arbuthnot (*in part*).
SIDGWICK, ARTHUR, M.A., LL.D. Aeschylus.
SIDGWICK, HENRY, LL.D. Ethics, History of (*in part*).
SIDGWICK, N. VINCENT, O.B.E., M.A., F.R.S. Valency.
SIEBERT, WILLIAM H. Hardware (*in part*).
SIEGBAHN, MANNE. Spectroscopy.
SIKES, ERNEST EDWARD, M.A. Hera (*in part*).
SILBERSCHMIDT, MAX, PH.D.
Switzerland (*in part*); Zürich (*in part*).
SILBERSTEIN, LUDWICK, PH.D. Tensor Analysis.
SILBURN, JUDITH ANN.
Cereals (*in part*); Egg Cookery; Fruit Cookery; Gravies; etc.
SILLS, KENNETH CHARLES MORTON, M.A., LL.D. Maine.
SILLS, MILTON. Motion Pictures (*in part*).
SIME, J., M.A. Frederick II. (*in part*).
SIMMONS, E. H. H. Stock Exchange or Bourse (*in part*).
SIMMONS, HARVEY ALEXANDER, M.S., PH.D.
Diophantine Equations.
SIMON, ANDRE L.
Burgundy Wines; Champagne Wines; Graves, Wines of; Hock; Moselle Wines, Sauternes; Wine; etc.
SIMON, F. Rathenau, Walther.
SIMON, ROBERT E. Parental Education.
SIMONSOHN, A. Darmstädter und Nationalbank.
SIMONSON, LEE, A.B. Stage Design (*in part*).
SIMPSON, REV. CANON DAVID CAPELL, M.A., D.D.
Achiacharus; Proverbs, Book of; Wisdom, Book of; etc.
SIMPSON, GEORGE GAYLORD, PH.D.
Hyracoidea; Multituberculata; Tillodontia.
SIMPSON, J. J., M.A., D.Sc. Museums of Science (*in part*).
SIMPSON, PERCY, M.A. Shakespeare (*in part*).
SINCLAIR, J. H., B.A., M.Sc. Ecuador (*in part*).
SINGER, CHARLES, M.D., D.LITT., F.R.C.P., F.S.A.
Bacon, Francis; Biology, History of; Medicine, History of; etc.
SIRÉN, OSWALD. Chinese Architecture; Chinese Sculpture.
SIRRINE, EMMA F., M.S. Seed Testing (*in part*).
SISSON, F. H., A.B., LL.D. Trust Company.
SKEAT, WALTER WILLIAM, LITT.D., LL.D., D.C.L.
Layamon (*in part*).
SKEVINGTON, F., M.B.E. Pensions: Civil Service, Municipal, etc.
SKIFF, WARNER M., B. S.
Lighting and Artificial Illumination (*in part*).
SKINNER, ERNEST BROWN. Groups.
SKINNER, OTIS, A.M. Make-Up.
SLOAN, ALFRED P., B.Sc. General Motors Corporation.
SLOAN, MATTHEW SCOTT, M.S.
Electricity Supply: Commercial Aspects.
SLOANE, WILLIAM MILLIGAN, PH.D., LL.D.
Bancroft, George.
SLOCUM, ROBERT R., B.S. Eggs (*in part*).
SLOMAN, H. A., M.A., B.Sc., A.I.C. Beryllium (*in part*).
SLOSSON, E. E., PH.D., D.Sc., LITT.D. Edison, Thomas Alva.
SMART, W. M., M.A., D.Sc., F.R.A.S.
Celestial Mechanics; Orbit.
SMIRNOFF, ALEXANDER. Italian Wars; Russo-Turkish Wars.
SMITH, A. D. BUCHANAN, M.A., M.S.A., B.Sc. Goat.
SMITH, ALFRED E. New York (State).
SMITH, ARTHUR HAMILTON, C.B., M.A., F.S.A., F.B.A.
Ring (*in part*).
SMITH, A. LORRAINE, F.L.S. Lichens.
SMITH, BERNARD, M.A., Sc.D., F.G.S.
Permian; Triassic System.
SMITH, REV. B. T. D., M.A., B.D.
Matthew, St.; Matthew, Gospel of St.
SMITH, C. A., M.A. Wisconsin, University of.
SMITH, CLIFFORD P., LL.B., C.S.B.
Christian Science; Eddy, Mary Baker.
SMITH, DAVID EUGENE, PH.D.
Algebra; Arithmetic; Finger Numerals; Fraction; Mathematics, History of; etc.
SMITH, REV. EDWIN W. British Empire (*in part*).
SMITH, ERNEST E., PH.D., M.D.
Medical Jurisprudence (*in part*).
SMITH, G. E. Chess (*in part*).
SMITH, G. F. HERBERT, D.Sc. Gem.
SMITH, GEORGE GREGORY, M.A., LL.D.
Ballad (*in part*); Barbour, John; Douglas, Gavin; Lyndsay, Sir David; Scottish Literature (*in part*).
SMITH, HARRY WORCESTER.
Horse-Racing and Breeding (*in part*); Steeplechasing.
SMITH, JOHN ALEXANDER. Croce, Benedetto.
SMITH, J. C., C.B.E., LITT.D. Spenser, Edmund.
SMITH, J. D. MAIN, PH.D., B.Sc., A.I.C.
Chemistry (*in part*); Elements, Chemical; Molecule, Chemical; Periodic Law, The; etc.
SMITH, REV. JOHN FREDERICK.
Schleiermacher, Friedrich Daniel Ernst (*in part*).
SMITH, J. G., M.A., M.COM. Marketing (*in part*).

SMITH, J. J., B.A.
South African Literature (*in part*).
SMITH, J. M. POWIS, PH.D. Ecclesiastes (*in part*).
SMITH, MAY. Industrial Psychology.
SMITH, PRESERVED, LITT.D. Renaissance (*in part*).
SMITH, RALPH C. Museum Architecture (*in part*).
SMITH, REGINALD ALEXANDER. Archaeology (*in part*).
SMITH, REGINALD HEBER, A.B., LL.D. Legal Aid.
SMITH, SYDNEY. Babylonia and Assyria (*in part*); Calendar (*in part*); Chronology (*in part*).
SMITH, T. E., M.A. Optics; Periscope.
SMITH, WILLIAM BENJAMIN, A.M., PH.D. Complex Numbers; Cone; Co-ordinates; Ellipse; Parabola; Paraboloid; etc.
SMITH, WILLIAM ROBERTSON, LL.D.
Chronicles, Books of (*in part*); David (*in part*); Haggai (*in part*); Judges, The Book of (*in part*); Nabataeans (*in part*); etc.
SMITH, WILLIAM ROY, M.A., PH.D. Compromise Measure of 1850; Missouri Compromise; Polk, James K.
SMITHELLS, ARTHUR, C.M.G., D.Sc., F.R.S. Flame.
SMOOT, REED. Mormonism; Mormons or Latter-Day Saints.
SMUTS, GENERAL JAN C., P.C., K.C., M.L.A. Holism.
SMYTHE, A. R., F.R.C.V.S., D.V.S.M.
Abortion, Contagious; Rinderpest; Swine Fever; etc.
SMYTHE, RICHARD HAVILAND, A.B., B.ARCH.
Shop Front Design (*in part*).
SNEDDEN, DAVID, A.M., PH.D.
Continuation Schools (*in part*).
SNOW, HERBERT MARTIN, M.V.O.
Wagons-Lits, Compagnie Internationale des.
SNOW, WILLIAM FREEMAN, M.A., M.D.
Venereal Diseases (*in part*).
SNYDER, MORTON, A.B.
Progressive Education Movement, The.
SNYDER, VIRGIL. Line Geometry.
SOMERVELL, DAVID CHURCHILL, M.A.
English History (*in part*); Victoria.
SONNECK, O. G. Foster, Stephen Collins.
SOPER, GEORGE A., B.S., M.A., PH.D. Cancer (*in part*).
SORLEY, WILLIAM RITCHIE, M.A., LITT.D., LL.D.
Leibnitz, Gottfried Wilhelm (*in part*).
SOUTHWELL, RICHARD VYNNE, M.A., F.R.S.
Materials, Strength of; Mechanics.
SOWERWINE, E. O. Anaconda Copper Mining Company.
SPAHR, WALTER E., M.A., PH.D. Stockbroker (*in part*).
SPAIGHT, J. M., C.B.E., LL.D. Aerial Law (*in part*).
SPARROW, JOHN. Forster, Ed. Morgan; Housman, Alfred Edward.
SPEARMAN, CHARLES E., PH.D.
Abilities, General and Special.
SPECIAEL, HENRI.
Société Internationale d'Energie Hydroélectrique.
SPENCE, HOWARD, M.I.CHEM.E.
Alum; Walnut.
SPENCER, D. A., B.S. Sheep (*in part*).
SPENCER, LEONARD JAMES, M.A., Sc.D., F.G.S., F.C.S., F.R.S.
Crystallography; Mineralogy and articles on many mineral forms.
SPENDER, E. HAROLD, LL.D. Lloyd George, David (*in part*).
SPERRY, ELMER A., E.D., Sc.D.
Diesel Engine (*in part*); Gyro-Compass; Gyroscope, etc.
SPERRY, HENRY M. Railways (*in part*).
SPIELMANN, MARION H., F.S.A. Gilbert, Alfred; Pastel (*in part*).
Repoussé; Roubiliac; Shakespeare (*in part*).
SPILLMAN, W. J., M.S., Sc.D. Farm Management (*in part*).
SPRAGUE, FRANK J., D.Sc., LL.D. Electric Traction.
SPRAGUE, OLIVER M. W., A.M., PH.D.
Banks, History of (*in part*).
SPRARAGEN, WILLIAM. Welding.
SPRENG, SAMUEL P., D.D. Evangelical Church.
SPROUL, ROBERT G., B.S., LL.D. California, University of.
SPROULE, WILLIAM. Southern Pacific Company.
SPRY, WILLIAM. Homestead and Exemption Laws.
SQUIRE, JOHN COLLINGS, M.A. English Literature (*in part*).
SQUIRE, WILLIAM BARCLAY, M.A., F.S.A., F.R.G.S.
Byrd, William.
STAMP, SIR JOSIAH (CHARLES), G.B.E., D.Sc., LL.D., F.B.A.
Capital Levy; Income: Economic Definition; Income Tax: Ecc nomic Aspect; National Savings (*in part*); Reparations and th Dawes Plan (*in part*); Taxation; Wealth, National; etc.
STAMP, LAURENCE DUDLEY, B.A., D.Sc., A.K.C., F.G.S., M.I.P.T
Arakan; Bhamo; Eocene; Flysch; Irrawaddy; Miocene; Oligocen Pliocene; Quaternary; Tertiary.
STANCIOFF, ANNA. Ferdinand, King of Bulgaria.
STANIAR, WILLIAM.
Belting (*in part*); Power Transmission (*in part*).
STANISLAVSKY, CONSTANTINE. Theatre (*in part*).
STANLEY, R. E. Agricultural Wages (*in part*).
STAPLES, S. F. Docks (*in part*).
STARCH, DANIEL, M.A., PH.D. Advertising (*in part*).
STARRETT, W. A., B.S. in C.E. Structural Engineering (*in part*).
STEBBING, REV. GEORGE ALEXANDER, C.SS.R.
Roman Catholic Church (*in part*).
STEBBING, MISS L. S., M.A. Logistic.
STEED, H. WICKHAM. Fabrizi, Nicola; Propaganda.
STEFANSSON, VILHJALMUR, A.M., LL.D.
Arctic Regions (*in part*); Eskimos.
STEIN, CLARENCE S. Social Architecture (*in part*).
STEIN, LEONARD. Palestine (*part*); Syria (*part*); Zionism (*part*).
STEINMAN, DAVID BERNARD, B.S., A.M., C.E., PH.D.
Carquinez Strait Bridge; Florianopolis Suspension Bridge.
STENNING, JOHN FREDERICK, M.A., C.B., C.B.E.
Bible (*in part*); Exodus, Book of; Leviticus; Targum.
STENTON, DORIS MARY, B.A. Frankpledge; Justiciar; Mag Carta; Pipe Rolls; Purveyance; Tallage.
STENTON, F. M. English History (*in part*); Palestine (*in part*); et Danelagh (*in part*); Dark Ages; etc.; Normans (*in part*); etc.
STEPHEN, SIR LESLIE, K.C.B., M.A.
Browning, Robert; Carlyle (*in part*).
STEPHENS, HENRY MORSE, M.A., LITT.D.
Mazarin, Jules (*in part*); Mirabeau.
STEPHENSON, LIEUTENANT-COLONEL JOHN, C.I.E., B.S M.B., F.R.C.S., F.R.S.E. Annelida (*in part*).
STEPHENSON, NATHANIEL W., A.B., LITT.D., LL.D.
Lincoln, Abraham.
STEPHENSON, T. A., D.Sc. Anthozoa; Coelenterata; Ctenopho Graptolites; Hydrozoa; Scyphozoa.
STEPHENSON, WILFRED TETLEY. British Empire (*in part*).
STERN, JAMES ROUCH, A.M., D.D.
Reformed Church in the United States.
STEUART, WILLIAM MOTT, LL.M. Urbanization.
STEVENSON, MISS E., B.A. Nursery Schools (*in part*).
STEVENSON, ROBERT LOUIS. Béranger, Pierre Jean (*in part*).
STEWART, ETHELBERT.
Minimum Wage (*in part*); Trade Board (*in part*).
STILL, GEORGE FREDERIC, M.A., M.D., HON.LL.D., F.R.C.P
Children, Diseases of; Children's Diet.
STILLMAN, PAUL R., D.D.S., F.A.C.D. Pyorrhoea (*in part*).
STIMSON, HENRY L. London Naval Conference, 1930, The (*in pa*
STINE, O. C., PH.D. Maize (*in part*); Oats; Wheat (*in part*), etc.
STOCKING, WILLIAM, M.A. Detroit.
STODDART, ALEXANDER. Poster (*in part*).
STOESSEL, ALBERT, M.A. Choral Singing (*in part*).
STONE, CHRISTOPHER, M.C., D.S.O. Gramophone (*in part*).
STONE, HERBERT L.
Bermuda Rig; House Boat; Yachting (*in part*).
STONE, PAUL H. Drawing, Anatomical (*in part*).
STONER, EDMUND CLIFTON, PH.D. Magnetism; Permeamete
STOPFORD, R. J. Inter-Allied Debts.
STOREY, W. B., PH.D., LL.D.
Atchison, Topeka and Santa Fe Railway.
STORMONT, MAJOR W. Lloyd Triestino Line; Sitmar Line; Soc Triestina de Navigazione Cosulich.
STORR, FRANCIS. Duel (*in part*); Games, Classical.
STORRS, SIR RONALD, C.M.G., C.B.E. Palestine (*in part*).
STORY, ISABELLE F. National Parks and Monuments (*in part*).
STOTT, VERNEY, B.A., F.INST.P. Density; Hydrometer.
STOUT, GEORGE FREDERICK, M.A., LL.D., F.B.A.
Psychology (*in part*).
STRACHEY, MRS. RAY. Women's Suffrage (*in part*).

STRAHAN, JAMES ANDREW, LL.D. Executors and Administrators (*in part*); Intestacy (*in part*); Will or Testament (*in part*).
STRANGE, LIEUTENANT-COLONEL EDWARD FAIRBROTHER, C.B.E. Della Quercia; Enamel (*in part*); Hiroshige; Hokusai; Korin, Ogata; Kyosai; Lacquer (*in part*); etc.
STRATTON, F. J. M., D.S.O., M.A. Nova.
STRATTON, SAMUEL WESLEY, D.Sc., LL.D., PH.D. Massachusetts Institute of Technology, The.
STRAWN, SILAS HARDY. American Bar Association, The.
STREAT, E. RAYMOND. Cotton and the Cotton Industry (*in part*).
STREETER, EDWARD. Bankers' Trust Company.
STRICKLAND, LORD, G.C.M.G. Malta (*in part*).
STRIPE, CARL. Steam Generation (*in part*).
STRONG, BENJAMIN, LL.D. Federal Reserve System.
STRONG, EUGENIE, C.B.E., LITT.D., F.S.A. Roman Art (*in part*).
STUART, H. C. Importing: In Practice (*in part*).
STURT, HENRY, M.A. Condillac, Etienne; Metempsychosis (*in part*); Nominalism.
SUBOTIC, DRAGUTIN, PH.D. Serbo-Croat Language and Literature (*in part*).
SUMMERALL, CHARLES PELOT, LL.D. Staff, Military (*part*).
SUMNER, PERCY H. Balloons in War.
SURFACE, FRANK MACY, M.A., PH.D. War Control of Food (*in part*).
SUTHERLAND, J. C., B.A. Quebec.
SUTTON, WILLIS A., PH.D., LL.B. Dentistry (*in part*).
SWANN, W. F. G., M.A., D.Sc. Electricity, Atmospheric; Terrestrial Magnetism.
SWAYTHLING, LORD. Arbitrage (*in part*).
SWEET, HENRY, M.A., PH.D., LL.D. Grimm, J. L. C.
SWEET, WILLIAM WARREN, A.B., B.D., PH.D. Revivals, Religious.
SWIFT, LOUIS F. Swift and Company.
SWINBURNE, ALGERNON CHARLES. Beaumont and Fletcher (*in part*); Marlow, Christopher (*in part*); Mary Queen of Scots (*in part*).
SWINBURNE, H. LAWRENCE. Flag.
SWIRE, JOSEPH, F.R.G.S. Albania (*in part*); Machado, Bernadino; Makonnen, Ras Tafari; William; Zogu.
SWOPE, GERARD, D.Sc., LL.D. General Electric Company (*part*).
SYKES, BRIGADIER-GENERAL SIR PERCY, K.C.I.E., C.B., C.M.G. Baluchistan (*in part*); Persia (*in part*); Persia, Campaigns in.
SYKES, WILLIAM STANLEY, M.A., M.D., B.CH., M.R.C.S., L.R.C.P., D.P.H. Acetylene in Medicine.
SYMONDS, JOHN ADDINGTON, LL.D. Italy (*in part*); Renaissance (*in part*); Machiavelli; Petrarch (*in part*); Politian (*in part*); etc.
SYMONS, ARTHUR. Goncourt, de; Mallarmé; Verlaine, Paul; etc.
SZEKFU, JULIUS. Hungary (*in part*).
SZILAGYI, L. F. Siemens.
TABOR, RICHARD JOHN, B.Sc., F.L.S. Fungi; Plants (*in part*).
TAFT, LORADO, LITT.D. Saint-Gaudens, Augustus.
TAIT, PETER GUTHRIE, LL.D. Maxwell, James Clerk.
TAIT, THOMAS SMITH, F.R.I.B.A. Russian Architecture (*in part*).
TALLENTS, STEPHEN GEORGE, C.B., C.B.E. Empire Marketing Board.
TALMAN, CHARLES FITZHUGH. United States of America (*part*).
TANNER, F. WILBUR, M.S., PH.D. Yeast.
TANNER, JOSEPH ROBSON, LITT. D. Pepys, Samuel (*in part*).
TANSILL, CHARLES CALLAN, PH.D. Albany Congress; Annapolis Convention.
TAPP, HARRY F., M.E. Oil Heating, Domestic.
TATE, FRANCIS G. H., F.C.S. Alcohol (*part*); Brandy; Gin; Poteen; Proof Spirit; Rum; Spirits; Whisky; etc.
TATTERSALL, C. E., B.A. Rugs and Carpets.
TAUNTON, REV. ETHELRED LEONARD. Fisher, John.
TAUSSIG, FRANK WILLIAM, PH.D., LITT.D. Tariffs.
TAUSSIG, JAMES EDWARD. Wabash Railway Company.
TAYLOR, ALFRED EDWARD, M.A., D.LITT., F.B.A. Plato; Socrates.
TAYLOR, ALONZO ENGLEBERT, M.D., LL.D. Food Supply of the World.
TAYLOR, CHARLES CARLISLE. Mahan, Alfred Thayer.
TAYLOR, CLAUDE. British Industries Fair.
TAYLOR, MRS. D. D. COTTINGTON. Carving (*in part*); Housekeeping (*in part*); Menus; etc.
TAYLOR, DEEMS, A.B., MUS. DOC. Music (*in part*).
TAYLOR, H. V., M.B.E., A.R.C.S., B.Sc., F.R.H.S. Flower Farming (*in part*); Horticulture (*in part*); Potato: Cultivation, Production and Trade; etc.
TAYLOR, R., M.A., B.Sc. Helium; Pressure Chemistry.
TEEPLE, JOHN E., B.S., PH.D. Alkali Manufacture (*in part*).
TELFORD, REV. JOHN, B.A. Wesley (Family); Wesley, John.
TEMPERLEY, MAJOR HAROLD WILLIAM VAZEILLE, O.B.E., M.A., LITT.D., F.B.A. Treaties (*in part*); Versailles, Treaty of.
TEMPLER, CAPTAIN G. G. Ordnance (*in part*).
TENNANT, REV. FREDERICK ROBERT, D.D., B.Sc. Deism; Agnosticism; Faith; Sin; Theology.
TENNYSON, CHARLES BRUCE LOCKER, C.M.G. Great Britain (*in part*); Dumping; Safeguarding of Industry.
TENNYSON-D'EYNCOURT, SIR EUSTACE (HENRY WILLIAM), K.C.B., F.R.S. Aircraft Carrier (*in part*).
TETLOW, HENRY, B.A. Cosmetics (*in part*).
THALBITZER, WILLIAM. Eskimo Language.
THATCHER, EDWARD. Carving Tools.
THATCHER, REV. GRIFFITHS WHEELER, M.A., B.D. Arabia (*in part*); Arabian Philosophy (*in part*); and articles on Arabian poets, writers, etc.
THAYSEN, A. C., PH.D. Bacteriology in Industry.
THIBAUDET, ALBERT. Bainville, Jacques; Barrès; Bergson, Henri; Proust, Marcel.
THOMAS, ALBERT. International Labour Organisation, The.
THOMAS, AUGUSTUS O., B.Sc., PH.D., B.ED., LL.D. Educational Associations (*in part*).
THOMAS, CLAUD M. Horse (*in part*).
THOMAS, DAVID YANCEY, M.A., PH.D. Arkansas.
THOMAS, EDWARD J., PH.D. Barlaam and Josaphat; Buddha and Buddhism; Lamaism; Mahayama; Pahlavi (*in part*); Zend-Avesta (*in part*); etc.
THOMAS, FREDERICK WILLIAM, M.A., C.I.E., PH.D. Indian Literature.
THOMAS, HENRY, D.LITT. Bookbinding (*in part*).
THOMAS, NORMAN M., A.B., B.D. Conscientious Objector.
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THOMPSON, WARREN S., A.M., PH.D. North America (*in part*); Rural Depopulation (*in part*).
THOMSON, ARTHUR LANDSBOROUGH, O.B.E., M.A., D.Sc. Birds, Migration of.
THOMSON, SIR BASIL, K.C.B. Crime; Frauds (*in part*).
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Intelligence Tests.
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THORNTON, SIR HENRY WORTH, K.B.E., M.INST.C.E.
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THORPE, JOCELYN FIELD, C.B.E., D.Sc., F.I.C., F.C.S., F.R.S.
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Parnell, Charles Stewart (*in part*).
TIDY, HENRY LETHEBY, M.A., F.R.C.P., M.D.
Encephalitis Lethargica.
TIELE, P. A. Plantin, Christophe.
TIGERT, JAMES, ED.D., LL.D., L.H.D., D.C.L.
Education, United States Bureau of; Mann, Horace.
TILDESLEY, M. L. Dead, Disposal of.
TILL, T. MARSTON. Brush (*in part*).
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Petrology and many articles on rock-forming minerals.
TILLOTSON, JR., EDWIN WARD, B.A., PH.D.
Physical Resources (*in part*).
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TIRTOFF, ROMAIN DE (ERTE). Dress (*in part*).
TIZARD, HENRY THOMAS, C.B., A.F.C., F.R.AE.S., F.INST.P., F.R.S. Thermochemistry.
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TOD, MARCUS NIEBUHR, M.A.
Archidamus; Cleomenes; Demaratus; Leonidas (*in part*); Lysander; Pausanias; Pylos (*in part*); Sparta.
TOLNAI, V. Hungarian Language.
TOMITA, KOJIRO. Art (*in part*); Screens (*in part*).
TOMLINSON, REGINALD R., A.R.C.A., R.B.A.
School and Curriculum (*in part*).
TONKS, HENRY. Pastel (*in part*).
TOPALIAN, SARKIS. Armenian Literature (*in part*).
TORREY, CHARLES CUTLER, PH.D., D.D. Ahasuerus; Daniel (*in part*); Esther (*in part*); Ezra and Nehemiah, Books of; etc.
TOUT, THOMAS FREDERICK, M.A., LITT.D.
Edward I.; Edward II.; Edward, The Black Prince; etc.
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Gray, Thomas (*in part*); Thomson, James (*in part*).
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Porto Rico; San Juan; and other cities of Porto Rico.
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TOWNSHEND, BAILEY, B.S., Sc.D. Tabulating Machines.
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TRANSEHE, NICOLAS A. Tierra del Fuego.
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Liquefaction of Gases.
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TROLAND, GIRARD B., B.Sc.
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Colour Blindness; Visual Sensation.
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TROTTER, SIR HENRY. Rumania (*in part*).
TRUBETZKOY, PRINCE N. S. Caucasian Languages.
TRUESDELL, LEON E., A.M., PH.D. Agriculture, Census of (*part*).
TRUMAN, ETHEL.
Flammarion, Nicolas Camille; Lorentz, Hendrick A.
TUKE, MARGARET JANSON, M.A. Women, Education of (*in part*).
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TUNNEY, GENE. Boxing (*in part*).
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TUNSTALL, W. C. B., M.A. Armada (*in part*); also Dutch Wars Grand Alliance, War of the; Navarino, Battle of; Seven Years War; Spanish Succession, War of; etc., (*in part*).
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TURNER, CHRISTOPHER. Rural Depopulation (*in part*).
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Bible (*in part*).
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TURNER, FREDERICK JACKSON, M.A., LL.D., LITT.D., PH.D.
United States of America (*in part*).
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TURNER, LAURENCE A., F.S.A., HON.A.R.I.B.A.
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TURRELL, WALTER JOHN, M.D., B.CH. Electrotherapy.
TUTHILL, EDWARD, M.A., PH.D. Kentucky.
TUTTLE, CHARLES H., A.B., LL.B. Insanity in Law (*in part*).
TUTTLE, WORTH, A.B. Bierce, Ambrose; Dickinson, Emily.
TWENTYMAN, A. E. Education (*in part*); Universities (*in part* University Colleges (*in part*).
TWISS, SIR TRAVIS, Q.C. Sea Laws (*in part*).
TWYMAN, F., F.R.S. Lens.
TYLER, ROYALL. Byzantine Art (*in part*).
TYLOR, EDWARD BURNETT, D.C.L., LL.D., F.R.S.
Ordeal (*in part*).
UNDERHAY, F. G., M.A. Patents (*in part*).
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UNDERWOOD, NORMAN. Carbon Paper.
UNTERMEYER, LOUIS. Poetry (*in part*).
UNWIN, EDWARD, A.R.I.B.A. Housing (*in part*).
UNWIN, RAYMOND, F.R.I.B.A. Housing (*in part*).
URBAN, JOSEPH. Theatre (*in part*).
URBAN, WILBUR M., A.B., PH.D. Value, Theory of.
URWICK, MAJOR L., O.B.E., M.C., M.A.
Scientific Management (*in part*).
VALLS, AURELIO. Spain, Bank of.
VAN ALSTYNE, J. H. Elevators.
VAN BRUNT, JOHN. Steam Generation (*in part*).
VANCE, LEE J., B.S. Soda Fountain.
VANDERVELDE, EMILE.
Belgium (*in part*); International, The (*in part*).
VANDEWALKER, NINA C., B.S. Kindergarten (*in part*).
VANDIVER, H. S. Fermat's Last Theorem.
VAN DYKE, HENRY, D.D., LL.D. Emerson.
VAN DYKE, JOHN CHARLES. Inness, George.
VANES, REV. J. A. Methodism (*in part*).
VAN TYNE, CLAUDE HALSTEAD, PH.D.
American Revolution (*in part*).
VAN VLECK, E. BURR, PH.D., LL.D., Sc.D.
Conformal Representation.
VAN WATERS, MIRIAM. Children's Courts (*in part*).
VAUCLAIN, SAMUEL M. Baldwin Locomotive Works.
VAUGHAN, HERBERT M., M.A., F.S.A.
James (The Pretender); Wales (*in part*).
VAUGHAN, W. E., A.M., PH.D. Oberammergau.
VEBLEN, O., A.B., PH.D. Differential Forms; Projection, in Mat matics; Projective Geometry.
VEITCH, FLETCHER P., D.Sc., M.S. Leather, Care of.
VERMEYLEN, A. Belgian Literature (*in part*).
VERNON-HARCOURT, LEVESON FRANCIS, M.A., M.INST.C.E River and River Engineering (*in part*).
VERNON-HARCOURT, L. W. Lord High Steward.
VIALL, ETHAN. Thermit.

VIARD, JULES. Jacquerie, The.

VILAS, C. A., A.B., LL.B. National Biscuit Company, The.

VILES, JONAS, A.M., PH.D. Missouri.

VILLARI, LUIGI. Fascism; Italian Front, in the World War; and, *in part*, Italy, Naples, Tuscany, etc.; Borgia; Cavour; Mazzini; Mussolini; Sturzo; etc.

VILLARI, PASQUALE. Florence (*in part*); Medici (*in part*); Pisa (*in part*); Rimini (*in part*); Savonarola (*in part*).

VILLIERS-STUART, LIEUTENANT-COLONEL J. P., C.B., D.S.O., D.B.E. Mountain Warfare (*in part*).

VINALL, H. N., M.S. Grass and Grass Land (*in part*).

VINCENT, GEORGE E., PH.D., LL.D.
Rockefeller Benefactions (*in part*).

VINOGRADOFF, SIR PAUL, D.C.L., LL.D.
Anglo-Saxon Law (*in part*); Jurisprudence, Comparative (*in part*); Law of Succession; Serfdom (*in part*); Village Communities; Villeinage; etc.

VIVIAN, A. C., B.A., D.SC., M.INST.M.M. Beryllium (*in part*).

VIVIAN, SYLVANUS PERCIVAL, C.B.
Campion, Thomas; Census (*in part*).

VLEIT, L. VAN. Chess (*in part*).

VOCADLO, OTAKAR, PH.D. Czech Language and Literature (*part*).

VOIONMAA, TAPIO. Industrial Accidents (*in part*).

VOLLMER, AUGUST. Investigation, Criminal.

VORONOFF, SERGE. Rejuvenation.

VOWLES, HUGH P., M.I.MECH.E. Briquetting.

WACE, ALAN JOHN BAYARD, M.A. Aegean Civilization (*in part*); Athens (*in part*); Greek Archaeology.

WADDELL, LAURENCE A., C.B., C.I.E., LL.D., M.B. Lhasa (*part*).

WADE, MRS. E. K. Girl Guides.

WADE-EVANS, REV. ARTHUR WADE.
Welsh Law or Leges Britanniae.

WAGON, E. Deutsche Bank.

WAITE, JOHN BARKER, A.B., LL.B. Larceny (*in part*).

WALCH, JAN. Drama (*part*); Dutch Language and Literature (*part*).

WALDMAN, HENRY.
Credit, Insolvency and Bad Debt Insurance (*in part*).

WALDSTEIN, SIR CHARLES, M.A., D.LITT., PH.D. Argos (*in part*).

WALKER, CAPTAIN A. H., R.N. Mines, Minelaying and Minesweeping; Paravane, The; Torpedoes; etc.

WALKER, D. G., M.A. Federation of British Industries.

WALKER, REV. EDWARD M., M.A., D.D., LL.D.
Greece (*in part*); Theopompus; Xenophon.

WALKER, E. M. Canada (*in part*).

WALKER, SIR GILBERT THOMAS, C.S.I., M.A., F.R.A.S., SC.D., PH.D., F.R.S. Flight, Natural.

WALKER, SIR HERBERT ASHCOMBE, K.C.B. Southern Railway.

WALKER, JAMES. Ground Rent (*part*); Intestacy (*part*); Sheriff.

WALKER, J. H. Heating and Ventilation.

WALKER, RALPH T. Ornament, Architectural.

WALKER, WILLISTON, PH.D., D.D.
Bacon, Leonard; Cotton, John; Hopkins, Samuel.

WALLACE, DAVID DUNCAN, PH.D., LITT.D., LL.D.
Laurens, Henry; South Carolina.

WALLACE, SIR DONALD MACKENZIE, K.C.I.E., K.C.V.O.
Alexander II., Shuvalov, Count.

WALLACE, ROBERT, M.A., LL.D., F.R.S.E., F.L.S.
Pig (*in part*); Sheep (*in part*).

WALLACE, WILLIAM. Arabian Philosophy (*in part*); Hegelian Philosophy (*in part*); Schopenhauer (*in part*); etc.

WALLACE, W. S., M.A.
Canada (*in part*); Quebec (*in part*).

WALLIS, D. T., A.R.I.B.A., M.I.A.
Industrial Architecture (*in part*).

WALROND, ERIC.
Negro, The American (*in part*).

WALSH, J. W. T. Photometry (*in part*).

WALSH, T. J. Montana.

WALTERS, HENRY BEAUCHAMP, O.B.E., M.A., F.S.A.
Terra-Cotta (*in part*).

WALTON, JOHN, M.A. Palaeobotany (*in part*).

WALTON, J. C., M.A., M.C. Coolie.

WALTON, SYDNEY, C.B.E., M.A., B.LITT. Advertising (*in part*).

WARBURTON, GEORGE H. Essential Oils (*in part*); Oils, Fats and Waxes (*in part*); Beeswax, Candle, Olive Oil, etc., also *in part*.

WARD, A. M., B.Sc., PH.D. Grignard Reagents.

WARD, SIR ADOLPHUS WILLIAM.
Drama (*in part*); Jonson, Ben (*in part*); Lodge, Thomas.

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Herbart, Johann Freidrich (*in part*).

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Freemasonry (*in part*); Secret Societies (*in part*); Silk Trade.

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WARD, STEVENSON E. National Bank of Commerce in New York.

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Molybdenum (*in part*); Titanium; Tungsten; Uranium.

WARDLE, REV. W. L., M.A., D.D.
Beelzebub; Cherubim; David (*in part*); Deluge; Eden; Manasseh; Samson; Samuel; Saul; Solomon; etc.

WARE, MAJOR-GENERAL SIR FABIAN, K.C.V.O., K.B.E., C.B., C.M.G. War Graves.

WARNER, E. F., B.S. Shooting (*in part*).

WARNER, SIR FRANK, K.B.E. Silk and Sericulture (*in part*).

WARRE, REV. EDMOND, C.B., C.V.O., M.A., D.D., D.C.L. Boat.

WARREN, C. A. Beer (*in part*); Brewing (*in part*).

WARREN, REV. FREDERICK EDWARD, M.A., B.D., F.S.A.
Prayer, Book of Common (*in part*).

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Agriculture: A General Survey (*in part*).

WATERFIELD, LINA, O.B.E. Duse, Eleonora; Venice (*in part*).

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WATSON, SIR ALFRED WILLIAM, K.C.B.
Friendly Societies (*in part*); Insurance, Introduction to.

WATSON, SIR CHARLES MOORE, K.C.M.G., C.B.
Gordon, Charles George.

WATSON, DAVID MEREDITH SEARES, M.Sc., F.R.S.
Chameleon; Cobra; Dinosauria; Elephant; Embryology; Mammoth; Orthogenesis; Palaeontology; Pterodactyl; Reptiles; Skeleton (*in part*); Zoology; etc.

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Ministry, The Christian.

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Coursing; Football, Rugby (*in part*); Greyhound Racing (*in part*).

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Motor Vehicles, Commercial (*in part*).

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Cattle; Horse (*in part*); Sheep (*in part*).

WATSON, JOHN BROADUS, A.M., PH.D., LL.D. Behaviourism.

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Apprenticeship (*in part*).

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Inns and Innkeepers (*in part*); Paterson, William (*in part*).

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WATTS, HENRY C., D.Sc., A.M.INST.C.E. Airscrew.

WATTS, W. W. Bronze and Brass Ornamental Work (*in part*); Iron in Art (*in part*); Pewter.

WATTS-DUNTON, THEODORE.
Poetry (*in part*); Wycherley, William (*in part*).

WAUGH, ARTHUR. Pater, Walter Horatio; Patmore, Coventry.

WAUGH, WILLIAM TEMPLETON, M.A., B.D. Montcalm.

WAVELL, COLONEL ARCHIBALD PERCIVAL, C.M.G., M.C.
Army (*in part*); and articles on the Battles of Brest-Litovsk; Carpathians; Dunajec-San; Luck; Przemsyl (Siege); Narocz; etc.

WEATHERLY, CECIL.
Knighthood and Chivalry (*in part*); Saddlery and Harness.

WEATHERS, JOHN, F.R.H.S. Horticulture (*in part*).

WEBB, CLEMENT CHARLES JULIAN, M.A., F.B.A. Sacrament.

WEBER, FREDERICK THEODORE. Portrait Painting (*in part*).

WEBER, F. W. Burnisher; Easel.

WEBSTER, CHARLES KINGSLEY, M.A., LITT.D.
Minorities (*in part*); Vienna, Congress of.

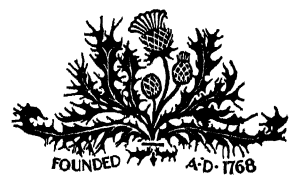
WEBSTER, CAPTAIN F. A. M. Athletic Sports (*in part*); Hurdling; Jumping; Marathon Race; Olympic Games; etc.

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WEDGWOOD, CAMILLA H., B.A. Cousin Marriage; Endogamy; Exchange Marriage; Exogamy; Weapons, Primitive; etc.

WEEKS, RAYMOND, A.M., PH.D. Foreign Languages (*in part*).
WEERTH, ERNEST DE. Costume Design (*in part*).
WEHLE, H. B., B.A. Painting (*in part*).
WEIGLE, LUTHER ALLAN, PH.D., D.D., LITT.D.
School and Curriculum (*in part*).
WEINER, JOSEPH L., A.B., LL.B.
Corporation (*in part*); Liquidation (*in part*).
WEITZ, CHARLES EARL, B.E.E.
Lighting and Artificial Illumination (*in part*).
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WELLS, CAROLYN. Mystery Stories (*in part*).
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Scepticism (*in part*).
WENTWORTH, FRANKLIN H.
Fire Prevention and Extinction (*in part*).
WERNER, ALICE, LL.A., D.LITT.
Hausa (*in part*); Sandawe; Swahili Language.
WERRENRATH, REINALD, A.B.
Song (*in part*).
WEST, ARTHUR GILBERT,DIXON, M.A., B.Sc.
Loud Speaker; Microphone.
WEST, JAMES EDWARD. Boy Scouts (*in part*).
WESTERMANN, DIEDRICH HERMANN. African Languages.
WESTERMARCK, EDWARD ALEXANDER, PH.D., HON.LL.D.
Divorce (*in part*); Group Marriage; Polyandry; Polygyny.
WESTLAKE, JOHN, K.C., LL.D., D.C.L. Allegiance (*in part*); Domicil; Landlord and Tenant (*in part*).
WESTON, G. J. Bead Manufacture.
WESTON, JESSIE L., LITT.D.
Arthurian Legend; Grail, The Holy; Lancelot; Perceval; Tristan; etc.
WESTOVER, H. L., B.S.A. Ensilage (*in part*).
WETMORE, ALEXANDER. Ornithology (*in part*).
WHATMOUGH, JOSHUA, M.A. Latin Languages; Oscan; Sabellic.
WHEELER, CAPTAIN OWEN, F.R.P.S. Photography (*in part*).
WHEELER, R. MORTIMER. Punch.
WHELEN, TOWNSEND. Ammunition (*in part*).
WHIPPLE, F. J. W., M.A., Sc.D., F.INST.P. Thunderstorms.
WHIPPLE, LEON R., M.A. Censorship (*in part*).
WHITE, ALAIN C., A.M. Chess (*in part*).
WHITE, EDNA NOBLE, A.B. Nursery Schools (*in part*).
WHITE, EDWARD A., B.Sc. Flower Farming (*in part*).
WHITE, F. EDSON. Armour and Company.
WHITE, FRANCIS, PH.B. Tacna-Arica Question.
WHITE, MAJOR-GENERAL GEOFFREY, C.B., C.M.G., D.S.O., R.A. Driving (*in part*); Rule of the Road (*in part*).
WHITE, HENRY SEELY. Algebraic Forms; Trigonometry.
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Rembrandt; Velazquez (*in part*).
WHITE, LEE A., M.A. Michigan.
WHITE, ORLAND E., M.S., Sc.D. Amazon (*in part*).
WHITE, R. B. Central Railroad Company of New Jersey.
WHITEHEAD, ALFRED NORTH, Sc.D., F.R.S.
Mathematics, Nature of.
WHITEHEAD, NOEL TANCRED, M.B., B.S.
Paratyphoid Fever; Typhoid Fever.
WHITEHOUSE, W. E., M.Sc. Holland (*in part*); Norway (*in part*); Sweden (*in part*); Switzerland (*in part*); Zürich (Canton).
WHITELEY, MARTHA A., O.B.E., D.Sc., A.R.C.S.
Chemistry (*in part*).
WHITLOCK, BRAND, LL.D. Democracy.
WHITTAKER, WILLIAM GILLIES, D.MUS., F.R.C.O.
Choral Singing (*in part*).
WHITTINGHAM, WING COMMANDER HAROLD E., M.B., D.PH.
Sandfly Fever.
WHITTLE, LIEUTENANT-COLONEL H. J. Croquet (*in part*).
WHITWORTH, GEOFFREY. Little Theatre Movement (*in part*).
WHYMANT, A. NEVILLE J., PH.D., D.LITT.
Caspian Languages; Clicks; Japanese Literature; Mongolian Language and Literature; Polynesian Languages; Polynesian Literature; Siamese Language and Literature (*in part*); etc.
WHYTE, FREDERIC W. Du Maurier, George.
WICKERSHAM, GEORGE WOODWARD, LL.D.
Taft, William Howard.
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